

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1028152

Luminaire Tested: S125DIP-B610D850UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1028152  
REPORT IS A COMBINATION OF REPORTS P1002361 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125DIP-B610D850UB27-4F0-XX-W2A-A4  
Description: Define 5 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

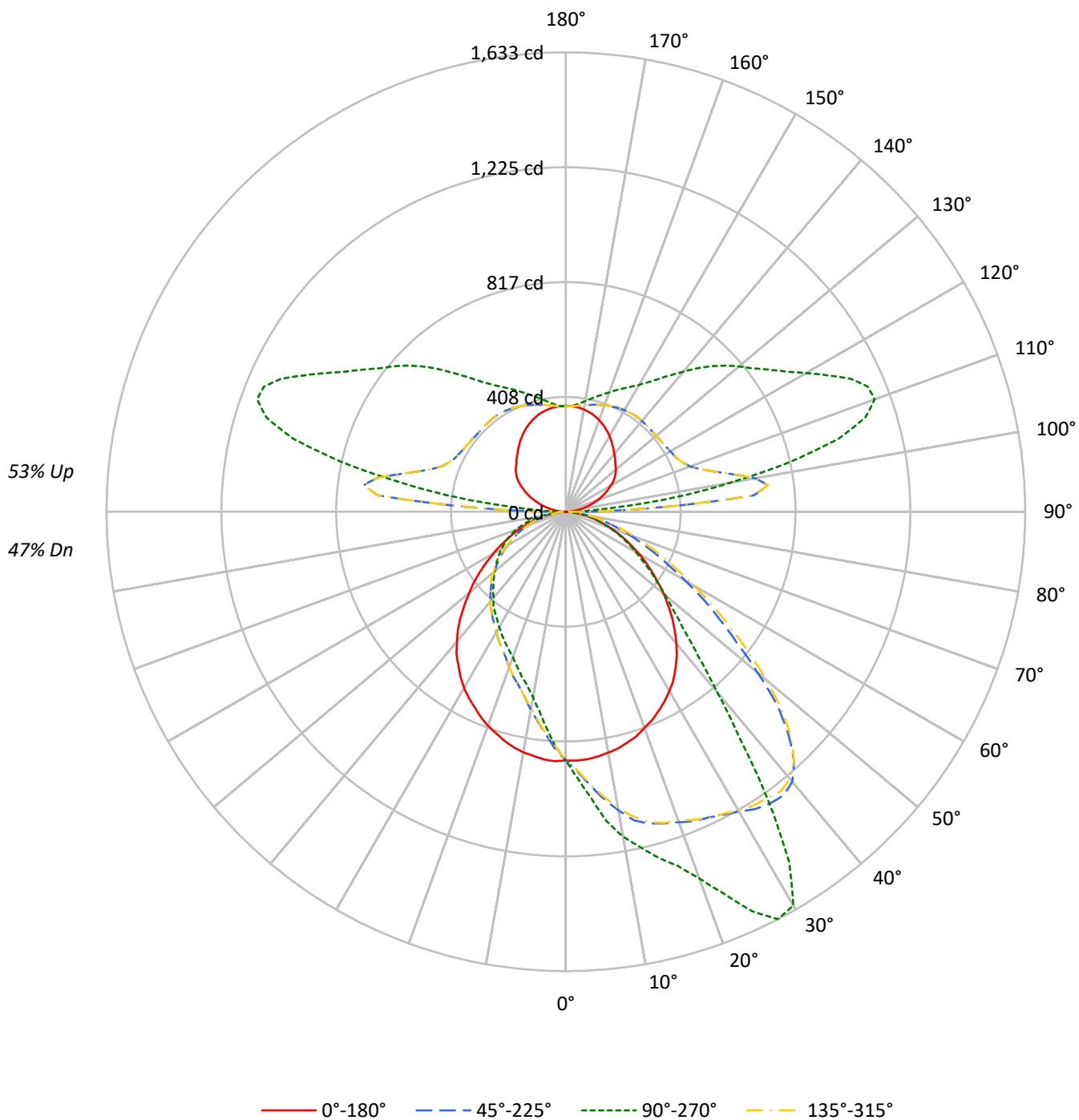
Lumens per Lamp: N/A  
Luminaire Lumens: 5316.0 lumens  
Efficiency: N/A  
Efficacy: 117.9 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 45.1  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1028152

CATALOG NUMBER: S125DIP-B610D850UB27-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P1028152

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    |    | 20 |    |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    |    | 50 |    |    |    |    | 30 |    |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 106 | 106 | 106 | 106 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 67 | 67 | 67 | 53 | 53 | 53 | 47 |    |
| 1   | 97  | 93  | 89  | 86  | 89 | 86 | 82 | 80 | 72 | 70 | 67 | 59 | 58 | 56 | 47 | 46 | 45 | 40 |    |
| 2   | 89  | 82  | 76  | 70  | 81 | 75 | 70 | 66 | 63 | 59 | 56 | 52 | 50 | 47 | 42 | 40 | 39 | 34 |    |
| 3   | 81  | 72  | 65  | 59  | 74 | 66 | 60 | 55 | 56 | 51 | 47 | 46 | 43 | 40 | 37 | 35 | 33 | 29 |    |
| 4   | 74  | 64  | 56  | 50  | 68 | 59 | 52 | 47 | 50 | 45 | 40 | 41 | 38 | 34 | 33 | 31 | 29 | 25 |    |
| 5   | 68  | 57  | 49  | 43  | 62 | 52 | 45 | 40 | 45 | 39 | 35 | 37 | 33 | 30 | 30 | 27 | 25 | 22 |    |
| 6   | 63  | 51  | 43  | 37  | 58 | 47 | 40 | 35 | 40 | 35 | 31 | 34 | 29 | 26 | 27 | 24 | 22 | 19 |    |
| 7   | 58  | 46  | 38  | 33  | 53 | 43 | 36 | 31 | 36 | 31 | 27 | 31 | 26 | 23 | 25 | 22 | 20 | 17 |    |
| 8   | 54  | 42  | 34  | 29  | 49 | 39 | 32 | 27 | 33 | 28 | 24 | 28 | 24 | 21 | 23 | 20 | 17 | 15 |    |
| 9   | 50  | 38  | 31  | 26  | 46 | 35 | 29 | 24 | 30 | 25 | 21 | 26 | 21 | 19 | 21 | 18 | 16 | 14 |    |
| 10  | 47  | 35  | 28  | 23  | 43 | 32 | 26 | 22 | 28 | 23 | 19 | 24 | 20 | 17 | 20 | 17 | 14 | 12 |    |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°   | 90°   | 180° | 270° |
|-----|------|-------|------|------|
| 0°  | 5663 | 5663  | 5663 | 5663 |
| 5°  | 5667 | 6424  | 5672 | 4873 |
| 10° | 5633 | 7322  | 5623 | 4183 |
| 15° | 5591 | 7939  | 5556 | 3780 |
| 20° | 5520 | 8700  | 5470 | 3450 |
| 25° | 5458 | 9968  | 5358 | 3256 |
| 30° | 5368 | 10516 | 5275 | 3079 |
| 35° | 5225 | 8430  | 5116 | 2938 |
| 40° | 5003 | 5826  | 4929 | 2788 |
| 45° | 4722 | 4338  | 4669 | 2663 |
| 50° | 4401 | 3571  | 4329 | 2563 |
| 55° | 4054 | 3046  | 4022 | 2477 |
| 60° | 3714 | 2607  | 3649 | 2410 |
| 65° | 3347 | 2251  | 3292 | 2311 |
| 70° | 2959 | 1870  | 2920 | 2142 |
| 75° | 2547 | 1446  | 2513 | 1859 |
| 80° | 2013 | 978   | 1939 | 1366 |
| 85° | 1286 | 490   | 1246 | 697  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 8650 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 85.1   | 1.6       |
| 10°-20°   | 253.4  | 4.8       |
| 20°-30°   | 411.6  | 7.7       |
| 30°-40°   | 503.0  | 9.5       |
| 40°-50°   | 456.3  | 8.6       |
| 50°-60°   | 363.4  | 6.8       |
| 60°-70°   | 253.1  | 4.8       |
| 70°-80°   | 134.8  | 2.5       |
| 80°-90°   | 34.9   | 0.7       |
| 90°-100°  | 273.2  | 5.1       |
| 100°-110° | 589.0  | 11.1      |
| 110°-120° | 549.2  | 10.3      |
| 120°-130° | 444.8  | 8.4       |
| 130°-140° | 357.1  | 6.7       |
| 140°-150° | 269.4  | 5.1       |
| 150°-160° | 189.7  | 3.6       |
| 160°-170° | 111.8  | 2.1       |
| 170°-180° | 36.4   | 0.7       |
| 0°-30°    | 750.0  | 14.1      |
| 0°-40°    | 1253.0 | 23.6      |
| 0°-60°    | 2072.6 | 39.0      |
| 0°-90°    | 2495.5 | 46.9      |
| 90°-120°  | 1411.4 | 26.5      |
| 90°-150°  | 2482.7 | 46.7      |
| 90°-180°  | 2821.0 | 53.1      |
| 0°-180°   | 5316.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90°  | 180° | 270° | 360° | Flux |
|------|-----|------|------|------|------|------|
| 0°   | 884 | 884  | 884  | 884  | 884  |      |
| 5°   | 883 | 1020 | 884  | 774  | 883  | 84   |
| 15°  | 849 | 1273 | 843  | 606  | 849  | 239  |
| 25°  | 781 | 1567 | 767  | 512  | 781  | 360  |
| 35°  | 680 | 1257 | 666  | 438  | 680  | 424  |
| 45°  | 534 | 593  | 528  | 364  | 534  | 411  |
| 55°  | 376 | 365  | 373  | 297  | 376  | 336  |
| 65°  | 233 | 224  | 229  | 230  | 233  | 231  |
| 75°  | 112 | 110  | 111  | 142  | 112  | 120  |
| 85°  | 22  | 25   | 22   | 35   | 22   | 27   |
| 90°  | 1   | 17   | 1    | 17   | 1    | 3    |
| 95°  | 25  | 178  | 25   | 178  | 25   | 26   |
| 105° | 86  | 1003 | 86   | 1003 | 86   | 90   |
| 115° | 153 | 1118 | 153  | 1118 | 153  | 151  |
| 125° | 212 | 880  | 212  | 880  | 212  | 188  |
| 135° | 248 | 731  | 248  | 731  | 248  | 193  |
| 145° | 289 | 577  | 289  | 577  | 289  | 181  |
| 155° | 330 | 484  | 330  | 484  | 330  | 152  |
| 165° | 360 | 424  | 360  | 424  | 360  | 102  |
| 175° | 375 | 381  | 375  | 381  | 375  | 36   |
| 180° | 376 | 376  | 376  | 376  | 376  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 883.8 | 883.8 | 883.8 | 883.8 | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  |
| 2.5°   | 885.3 | 890.6 | 896.6 | 901.1 | 908.6  | 910.8  | 914.6  | 916.8  | 919.1  | 921.3  | 922.8  |
| 5°     | 883.1 | 895.8 | 907.1 | 915.3 | 929.6  | 934.8  | 941.6  | 949.8  | 959.6  | 967.8  | 973.1  |
| 7.5°   | 877.1 | 897.3 | 912.3 | 928.8 | 948.3  | 961.1  | 967.8  | 985.1  | 1000.9 | 1012.9 | 1028.6 |
| 10°    | 869.6 | 893.6 | 916.8 | 941.6 | 969.3  | 983.6  | 997.1  | 1021.1 | 1042.9 | 1062.4 | 1078.1 |
| 12.5°  | 861.3 | 890.6 | 918.3 | 950.6 | 988.1  | 1005.4 | 1014.4 | 1055.6 | 1082.6 | 1093.1 | 1123.9 |
| 15°    | 848.6 | 883.1 | 922.8 | 962.6 | 994.1  | 1014.4 | 1039.1 | 1072.1 | 1099.1 | 1122.4 | 1147.2 |
| 17.5°  | 836.5 | 874.1 | 914.6 | 958.8 | 1004.6 | 1030.9 | 1049.6 | 1078.9 | 1108.1 | 1138.2 | 1161.4 |
| 20°    | 817.0 | 865.8 | 907.1 | 954.3 | 1008.4 | 1027.1 | 1046.6 | 1081.1 | 1112.6 | 1144.9 | 1174.2 |
| 22.5°  | 801.3 | 847.8 | 904.1 | 949.1 | 994.9  | 1013.6 | 1037.6 | 1073.6 | 1111.1 | 1147.9 | 1190.7 |
| 25°    | 781.0 | 832.8 | 881.6 | 929.6 | 976.8  | 997.1  | 1018.9 | 1065.4 | 1104.4 | 1151.7 | 1198.9 |
| 27.5°  | 759.3 | 812.5 | 861.3 | 904.8 | 949.1  | 976.8  | 1000.1 | 1048.9 | 1100.6 | 1152.4 | 1213.9 |
| 30°    | 736.0 | 786.3 | 832.8 | 875.6 | 924.3  | 952.8  | 976.1  | 1033.1 | 1090.9 | 1156.9 | 1230.4 |
| 32.5°  | 711.3 | 758.5 | 798.3 | 841.8 | 893.6  | 919.8  | 951.3  | 1013.6 | 1081.9 | 1160.7 | 1252.9 |
| 35°    | 679.7 | 724.8 | 760.0 | 804.3 | 856.1  | 889.8  | 922.8  | 992.6  | 1072.1 | 1159.9 | 1265.7 |
| 37.5°  | 648.2 | 683.5 | 717.3 | 764.5 | 824.5  | 855.3  | 889.8  | 966.3  | 1057.1 | 1157.7 | 1271.0 |
| 40°    | 610.7 | 645.2 | 674.5 | 722.5 | 785.5  | 820.8  | 856.8  | 937.1  | 1039.9 | 1149.4 | 1252.2 |
| 42.5°  | 573.2 | 602.5 | 634.7 | 685.0 | 745.8  | 783.3  | 821.5  | 910.8  | 1017.4 | 1125.4 | 1200.4 |
| 45°    | 534.2 | 556.7 | 592.0 | 637.7 | 702.3  | 738.3  | 781.8  | 878.6  | 985.9  | 1081.9 | 1119.4 |
| 47.5°  | 493.7 | 516.2 | 549.2 | 593.5 | 657.2  | 700.0  | 741.3  | 838.0  | 946.1  | 1020.4 | 1020.4 |
| 50°    | 454.7 | 472.7 | 504.9 | 549.2 | 613.7  | 652.7  | 694.7  | 797.5  | 884.6  | 939.3  | 890.6  |
| 52.5°  | 412.6 | 432.9 | 459.9 | 506.4 | 570.2  | 605.5  | 651.2  | 739.0  | 821.5  | 844.1  | 769.0  |
| 55°    | 375.9 | 392.4 | 417.9 | 462.2 | 521.4  | 558.2  | 597.2  | 681.2  | 751.0  | 749.5  | 669.2  |
| 57.5°  | 337.6 | 351.1 | 378.1 | 418.6 | 473.4  | 506.4  | 545.4  | 618.2  | 675.2  | 655.0  | 579.2  |
| 60°    | 302.4 | 312.1 | 338.4 | 371.4 | 423.9  | 454.7  | 492.2  | 551.4  | 595.0  | 566.5  | 489.9  |
| 62.5°  | 265.6 | 276.8 | 297.9 | 330.1 | 376.6  | 401.4  | 429.2  | 489.2  | 516.9  | 491.4  | 413.4  |
| 65°    | 232.6 | 241.6 | 260.3 | 287.4 | 329.4  | 351.9  | 375.9  | 425.4  | 451.7  | 414.9  | 350.4  |
| 67.5°  | 199.6 | 210.1 | 223.6 | 247.6 | 280.6  | 301.6  | 322.6  | 365.4  | 377.4  | 344.4  | 290.4  |
| 70°    | 168.8 | 177.8 | 190.6 | 207.8 | 235.6  | 254.3  | 270.1  | 305.4  | 313.6  | 282.9  | 240.1  |
| 72.5°  | 138.8 | 144.8 | 155.3 | 169.6 | 195.1  | 205.6  | 222.1  | 246.1  | 256.6  | 228.8  | 198.1  |
| 75°    | 112.5 | 117.0 | 123.8 | 134.3 | 151.6  | 162.8  | 176.3  | 198.8  | 198.1  | 178.6  | 156.8  |
| 77.5°  | 87.0  | 87.8  | 95.3  | 105.0 | 115.5  | 125.3  | 132.0  | 147.8  | 149.3  | 137.3  | 119.3  |
| 80°    | 62.3  | 64.5  | 67.5  | 75.0  | 84.0   | 87.8   | 96.0   | 105.8  | 107.3  | 98.3   | 86.3   |
| 82.5°  | 39.8  | 41.3  | 43.5  | 48.0  | 54.0   | 58.5   | 63.0   | 66.8   | 70.5   | 65.3   | 55.5   |
| 85°    | 22.5  | 23.3  | 25.5  | 27.0  | 30.0   | 32.3   | 36.0   | 39.8   | 39.0   | 35.3   | 32.3   |
| 87.5°  | 11.3  | 11.3  | 11.3  | 12.8  | 14.3   | 14.3   | 15.8   | 16.5   | 17.3   | 15.8   | 14.3   |
| 90°    | 0.8   | 1.5   | 3.0   | 4.5   | 6.1    | 6.8    | 7.6    | 8.3    | 9.8    | 10.6   | 12.1   |
| 92.5°  | 11.4  | 13.6  | 21.2  | 32.6  | 48.5   | 62.1   | 75.7   | 127.2  | 213.5  | 307.4  | 302.1  |
| 95°    | 25.0  | 25.7  | 31.8  | 40.1  | 56.8   | 73.8   | 90.9   | 171.9  | 338.4  | 547.4  | 670.8  |
| 97.5°  | 38.6  | 39.4  | 43.9  | 52.2  | 67.4   | 79.9   | 92.4   | 148.4  | 276.3  | 502.0  | 724.5  |
| 100°   | 53.0  | 54.5  | 57.5  | 65.9  | 80.3   | 91.6   | 103.0  | 146.9  | 245.3  | 436.1  | 683.7  |
| 102.5° | 68.9  | 69.7  | 71.9  | 81.0  | 93.9   | 104.8  | 115.8  | 153.7  | 232.4  | 386.1  | 611.7  |
| 105°   | 85.6  | 85.6  | 89.3  | 96.9  | 109.0  | 119.6  | 130.2  | 163.5  | 230.9  | 357.3  | 548.9  |
| 107.5° | 101.5 | 103.0 | 106.8 | 112.8 | 125.7  | 135.2  | 144.6  | 177.2  | 236.2  | 342.2  | 502.0  |
| 110°   | 118.9 | 120.4 | 123.4 | 130.2 | 141.6  | 151.4  | 161.3  | 192.3  | 244.5  | 336.1  | 470.9  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 136.3 | 137.8 | 140.1 | 146.9 | 158.2 | 167.7 | 177.2 | 206.7 | 255.1 | 336.1 | 452.7 |
| 115°   | 152.9 | 154.4 | 156.7 | 163.5 | 174.9 | 184.4 | 193.8 | 221.8 | 265.7 | 338.4 | 440.6 |
| 117.5° | 168.1 | 170.3 | 172.6 | 179.4 | 192.3 | 201.4 | 210.5 | 237.0 | 277.9 | 342.2 | 433.8 |
| 120°   | 183.2 | 185.5 | 188.5 | 195.3 | 208.2 | 217.6 | 227.1 | 253.6 | 290.0 | 348.3 | 429.3 |
| 122.5° | 199.1 | 200.6 | 202.9 | 209.7 | 224.1 | 233.6 | 243.0 | 269.5 | 303.6 | 353.6 | 425.5 |
| 125°   | 212.0 | 213.5 | 217.3 | 224.1 | 238.5 | 248.4 | 258.2 | 283.2 | 315.7 | 359.6 | 422.5 |
| 127.5° | 222.6 | 224.9 | 229.4 | 237.7 | 252.9 | 262.8 | 272.6 | 296.8 | 327.1 | 366.4 | 420.9 |
| 130°   | 232.4 | 234.7 | 240.8 | 250.6 | 266.5 | 276.4 | 286.2 | 309.7 | 338.4 | 372.5 | 419.4 |
| 132.5° | 240.0 | 243.0 | 250.6 | 262.0 | 278.6 | 288.5 | 298.3 | 321.8 | 348.3 | 379.3 | 419.4 |
| 135°   | 248.3 | 251.4 | 260.4 | 272.6 | 288.5 | 298.7 | 308.9 | 332.4 | 357.3 | 385.4 | 419.4 |
| 137.5° | 258.9 | 261.2 | 269.5 | 281.6 | 297.5 | 308.1 | 318.7 | 339.9 | 364.2 | 391.4 | 420.2 |
| 140°   | 268.0 | 270.3 | 279.4 | 291.5 | 305.9 | 316.1 | 326.3 | 348.3 | 371.0 | 395.2 | 420.9 |
| 142.5° | 278.6 | 280.1 | 288.5 | 300.6 | 314.2 | 323.6 | 333.1 | 353.6 | 374.8 | 397.5 | 421.7 |
| 145°   | 289.2 | 290.7 | 298.3 | 308.9 | 322.5 | 331.2 | 339.9 | 359.6 | 378.5 | 399.0 | 420.9 |
| 147.5° | 300.6 | 301.3 | 308.1 | 318.0 | 330.1 | 338.0 | 346.0 | 363.4 | 380.8 | 399.7 | 419.4 |
| 150°   | 310.4 | 311.9 | 317.2 | 327.1 | 337.7 | 344.1 | 350.5 | 367.2 | 383.1 | 399.7 | 417.2 |
| 152.5° | 321.0 | 321.8 | 326.3 | 334.6 | 344.5 | 350.2 | 355.8 | 371.0 | 384.6 | 399.0 | 414.1 |
| 155°   | 330.1 | 330.1 | 334.6 | 342.2 | 349.8 | 355.1 | 360.4 | 373.2 | 385.4 | 397.5 | 410.3 |
| 157.5° | 338.4 | 338.4 | 342.2 | 349.0 | 355.8 | 360.0 | 364.2 | 375.5 | 386.1 | 396.0 | 406.6 |
| 160°   | 346.7 | 346.0 | 349.0 | 354.3 | 360.4 | 363.8 | 367.2 | 377.0 | 386.1 | 393.7 | 402.8 |
| 162.5° | 353.6 | 352.8 | 355.8 | 360.4 | 364.9 | 367.5 | 370.2 | 378.5 | 385.4 | 391.4 | 398.2 |
| 165°   | 360.4 | 358.9 | 361.1 | 364.9 | 367.9 | 370.2 | 372.5 | 378.5 | 384.6 | 389.1 | 393.7 |
| 167.5° | 364.9 | 364.2 | 365.7 | 367.9 | 370.2 | 371.7 | 373.2 | 378.5 | 383.1 | 385.4 | 389.1 |
| 170°   | 369.5 | 368.7 | 369.5 | 371.0 | 372.5 | 373.6 | 374.8 | 378.5 | 381.6 | 383.1 | 385.4 |
| 172.5° | 372.5 | 371.0 | 371.7 | 373.2 | 374.0 | 374.4 | 374.8 | 377.8 | 380.1 | 380.1 | 380.8 |
| 175°   | 374.8 | 373.2 | 374.0 | 374.8 | 374.8 | 374.8 | 374.8 | 377.0 | 378.5 | 377.8 | 377.8 |
| 177.5° | 376.3 | 374.8 | 374.8 | 375.5 | 374.8 | 374.8 | 374.8 | 376.3 | 377.0 | 375.5 | 375.5 |
| 180°   | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  |
| 2.5°   | 924.3  | 929.6  | 934.1  | 937.8  | 940.8  | 945.3  | 942.3  | 943.1  | 944.6  | 947.6  | 947.6  |
| 5°     | 984.4  | 992.6  | 997.1  | 1012.1 | 1015.9 | 1015.1 | 1012.9 | 1024.9 | 1024.1 | 1019.6 | 1018.9 |
| 7.5°   | 1042.9 | 1057.1 | 1069.9 | 1081.9 | 1085.6 | 1095.4 | 1097.6 | 1102.9 | 1101.4 | 1108.9 | 1105.1 |
| 10°    | 1096.1 | 1118.6 | 1130.7 | 1148.7 | 1153.2 | 1157.7 | 1163.7 | 1166.7 | 1173.4 | 1172.7 | 1172.7 |
| 12.5°  | 1137.4 | 1164.4 | 1180.2 | 1184.7 | 1201.9 | 1207.2 | 1212.4 | 1222.2 | 1219.9 | 1220.7 | 1225.2 |
| 15°    | 1169.7 | 1195.9 | 1209.4 | 1230.4 | 1242.4 | 1248.4 | 1257.4 | 1268.0 | 1266.5 | 1273.2 | 1271.7 |
| 17.5°  | 1193.7 | 1218.4 | 1243.2 | 1274.7 | 1275.5 | 1291.2 | 1312.2 | 1316.7 | 1326.5 | 1319.7 | 1319.7 |
| 20°    | 1213.2 | 1246.2 | 1281.5 | 1322.0 | 1326.5 | 1336.2 | 1361.7 | 1379.0 | 1390.2 | 1386.5 | 1388.7 |
| 22.5°  | 1234.2 | 1281.5 | 1322.7 | 1363.2 | 1385.0 | 1402.3 | 1427.0 | 1454.0 | 1463.8 | 1469.8 | 1468.3 |
| 25°    | 1261.2 | 1310.7 | 1371.5 | 1427.8 | 1450.3 | 1483.3 | 1516.3 | 1542.6 | 1550.1 | 1566.6 | 1551.6 |
| 27.5°  | 1289.0 | 1358.7 | 1434.5 | 1500.5 | 1529.0 | 1556.1 | 1595.8 | 1615.3 | 1625.1 | 1632.6 | 1627.3 |
| 30°    | 1312.2 | 1408.3 | 1490.8 | 1551.6 | 1571.8 | 1587.6 | 1610.1 | 1614.6 | 1610.8 | 1616.8 | 1624.3 |
| 32.5°  | 1348.2 | 1442.0 | 1511.8 | 1541.1 | 1538.8 | 1538.0 | 1520.8 | 1496.8 | 1491.5 | 1477.3 | 1496.8 |
| 35°    | 1367.7 | 1442.8 | 1469.8 | 1430.8 | 1415.0 | 1386.5 | 1331.7 | 1295.7 | 1264.2 | 1257.4 | 1258.9 |
| 37.5°  | 1356.5 | 1385.7 | 1353.5 | 1250.7 | 1225.2 | 1181.7 | 1108.9 | 1057.9 | 1034.6 | 1016.6 | 1039.9 |
| 40°    | 1295.7 | 1263.5 | 1174.9 | 1049.6 | 1012.9 | 971.6  | 903.3  | 875.6  | 842.6  | 835.8  | 866.6  |
| 42.5°  | 1195.2 | 1096.9 | 971.6  | 874.8  | 836.5  | 813.3  | 756.3  | 730.0  | 706.8  | 696.2  | 713.5  |
| 45°    | 1058.6 | 939.3  | 813.3  | 733.8  | 701.5  | 673.7  | 640.0  | 612.2  | 597.2  | 592.7  | 607.0  |
| 47.5°  | 917.6  | 791.5  | 691.0  | 631.7  | 598.0  | 577.0  | 545.4  | 529.7  | 517.7  | 519.2  | 521.4  |
| 50°    | 782.5  | 667.7  | 590.5  | 531.2  | 514.7  | 498.2  | 477.2  | 463.7  | 457.7  | 459.9  | 458.4  |
| 52.5°  | 666.2  | 573.2  | 507.9  | 462.2  | 454.7  | 438.9  | 421.7  | 410.4  | 408.1  | 408.9  | 411.1  |
| 55°    | 564.2  | 491.4  | 439.7  | 406.6  | 398.4  | 387.1  | 376.6  | 369.1  | 363.1  | 365.4  | 364.6  |
| 57.5°  | 486.9  | 423.2  | 383.4  | 356.4  | 350.4  | 343.6  | 333.9  | 330.1  | 327.9  | 323.4  | 327.1  |
| 60°    | 418.6  | 366.9  | 332.4  | 315.9  | 310.6  | 306.1  | 295.6  | 291.1  | 289.6  | 287.4  | 293.4  |
| 62.5°  | 354.1  | 317.4  | 291.1  | 276.1  | 270.8  | 266.3  | 261.1  | 257.3  | 258.1  | 255.1  | 258.1  |
| 65°    | 303.1  | 273.1  | 254.3  | 240.8  | 234.1  | 231.1  | 230.3  | 224.3  | 223.6  | 224.3  | 225.1  |
| 67.5°  | 255.8  | 230.3  | 216.1  | 207.8  | 202.6  | 199.6  | 197.3  | 193.6  | 196.6  | 194.3  | 195.8  |
| 70°    | 213.1  | 195.8  | 180.8  | 172.6  | 170.3  | 171.1  | 167.3  | 165.8  | 166.6  | 165.1  | 166.6  |
| 72.5°  | 171.8  | 157.6  | 151.6  | 145.6  | 142.6  | 141.8  | 139.5  | 137.3  | 139.5  | 138.8  | 138.8  |
| 75°    | 137.3  | 126.8  | 120.0  | 116.3  | 116.3  | 114.8  | 111.0  | 111.0  | 111.0  | 110.3  | 111.0  |
| 77.5°  | 105.8  | 96.8   | 93.8   | 90.0   | 90.0   | 87.8   | 87.0   | 87.0   | 85.5   | 87.8   | 86.3   |
| 80°    | 78.8   | 72.0   | 67.5   | 65.3   | 65.3   | 64.5   | 63.0   | 62.3   | 63.0   | 62.3   | 62.3   |
| 82.5°  | 51.0   | 48.0   | 45.8   | 43.5   | 42.8   | 43.5   | 42.8   | 41.3   | 42.0   | 41.3   | 42.8   |
| 85°    | 29.3   | 26.3   | 26.3   | 24.8   | 25.5   | 24.0   | 24.8   | 23.3   | 22.5   | 24.8   | 23.3   |
| 87.5°  | 12.8   | 12.0   | 12.0   | 10.5   | 10.5   | 10.5   | 9.8    | 10.5   | 9.8    | 9.0    | 9.8    |
| 90°    | 12.9   | 13.6   | 14.4   | 15.1   | 15.9   | 16.7   | 16.7   | 16.7   | 17.4   | 17.4   | 17.4   |
| 92.5°  | 243.8  | 164.3  | 118.1  | 87.8   | 80.6   | 73.4   | 61.3   | 59.1   | 57.5   | 56.0   | 57.5   |
| 95°    | 656.4  | 544.3  | 429.3  | 336.1  | 304.4  | 272.6  | 218.8  | 196.1  | 190.0  | 177.9  | 190.0  |
| 97.5°  | 819.9  | 780.6  | 689.0  | 595.1  | 549.6  | 504.2  | 458.8  | 419.4  | 399.0  | 389.9  | 399.0  |
| 100°   | 872.9  | 931.2  | 894.1  | 816.1  | 776.8  | 737.4  | 685.2  | 630.7  | 602.6  | 590.5  | 602.6  |
| 102.5° | 841.1  | 981.9  | 1019.8 | 992.5  | 969.0  | 945.6  | 888.8  | 854.0  | 823.0  | 814.6  | 823.0  |
| 105°   | 766.2  | 947.9  | 1051.6 | 1084.9 | 1080.8 | 1076.6 | 1052.4 | 1027.4 | 1012.2 | 1003.1 | 1012.2 |
| 107.5° | 695.0  | 878.2  | 1015.3 | 1095.5 | 1112.2 | 1128.8 | 1135.6 | 1131.9 | 1124.3 | 1116.7 | 1124.3 |
| 110°   | 636.0  | 799.5  | 943.3  | 1050.1 | 1082.2 | 1114.4 | 1148.5 | 1162.9 | 1168.2 | 1168.2 | 1168.2 |



TEST NUMBER: P1028152

CATALOG NUMBER: S125DIP-B610D850UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 592.0 | 737.4 | 872.2 | 980.4 | 1019.8 | 1059.2 | 1112.9 | 1140.2 | 1155.3 | 1162.1 | 1155.3 |
| 115°   | 562.5 | 687.4 | 804.8 | 908.5 | 949.8  | 991.0  | 1050.1 | 1086.4 | 1107.6 | 1117.5 | 1107.6 |
| 117.5° | 542.8 | 652.6 | 756.3 | 847.2 | 886.2  | 925.2  | 985.0  | 1022.8 | 1044.0 | 1050.1 | 1044.0 |
| 120°   | 526.9 | 625.4 | 716.2 | 799.5 | 832.8  | 866.1  | 922.1  | 958.5  | 978.9  | 985.0  | 978.9  |
| 122.5° | 513.3 | 604.9 | 687.4 | 759.4 | 790.0  | 820.7  | 869.1  | 901.7  | 922.1  | 927.4  | 922.1  |
| 125°   | 501.2 | 585.2 | 662.5 | 728.3 | 755.6  | 782.8  | 825.2  | 856.3  | 872.9  | 880.5  | 872.9  |
| 127.5° | 489.8 | 564.8 | 638.2 | 700.3 | 726.0  | 751.8  | 790.4  | 818.4  | 834.3  | 837.3  | 834.3  |
| 130°   | 478.5 | 545.9 | 612.5 | 671.5 | 696.2  | 720.8  | 758.6  | 783.6  | 798.7  | 803.3  | 798.7  |
| 132.5° | 469.4 | 526.9 | 588.3 | 640.5 | 664.0  | 687.4  | 725.3  | 750.3  | 763.9  | 769.2  | 763.9  |
| 135°   | 462.6 | 511.0 | 563.3 | 611.7 | 633.3  | 654.9  | 688.2  | 713.2  | 726.8  | 731.4  | 726.8  |
| 137.5° | 455.8 | 496.7 | 540.6 | 582.2 | 601.2  | 620.1  | 650.3  | 673.8  | 686.7  | 692.0  | 686.7  |
| 140°   | 451.2 | 485.3 | 520.9 | 555.7 | 571.6  | 587.5  | 615.5  | 635.2  | 646.6  | 650.3  | 646.6  |
| 142.5° | 447.4 | 475.5 | 504.2 | 533.0 | 546.2  | 559.5  | 582.2  | 598.1  | 608.7  | 611.7  | 608.7  |
| 145°   | 443.7 | 467.1 | 490.6 | 514.1 | 524.3  | 534.5  | 552.7  | 565.5  | 573.9  | 576.9  | 573.9  |
| 147.5° | 439.9 | 458.8 | 478.5 | 497.4 | 505.4  | 513.3  | 528.5  | 539.0  | 544.3  | 545.9  | 544.3  |
| 150°   | 435.3 | 452.0 | 468.6 | 483.0 | 489.8  | 496.7  | 508.0  | 517.1  | 520.1  | 520.9  | 520.1  |
| 152.5° | 430.0 | 444.4 | 458.8 | 471.7 | 476.6  | 481.5  | 490.6  | 497.4  | 500.4  | 501.2  | 500.4  |
| 155°   | 424.0 | 436.8 | 449.0 | 459.6 | 463.8  | 467.9  | 475.5  | 480.8  | 483.0  | 483.8  | 483.0  |
| 157.5° | 418.7 | 429.3 | 439.9 | 448.2 | 451.6  | 455.0  | 461.1  | 465.6  | 467.9  | 467.9  | 467.9  |
| 160°   | 411.9 | 421.7 | 429.3 | 436.8 | 439.4  | 442.1  | 447.4  | 451.2  | 452.7  | 452.0  | 452.7  |
| 162.5° | 405.8 | 413.4 | 420.2 | 426.2 | 428.5  | 430.8  | 434.6  | 437.6  | 437.6  | 437.6  | 437.6  |
| 165°   | 399.7 | 405.8 | 411.1 | 415.6 | 417.5  | 419.4  | 422.5  | 424.0  | 424.0  | 424.0  | 424.0  |
| 167.5° | 393.7 | 398.2 | 402.0 | 405.8 | 407.3  | 408.8  | 410.3  | 411.9  | 411.1  | 411.1  | 411.1  |
| 170°   | 388.4 | 392.2 | 394.4 | 396.7 | 397.4  | 398.2  | 399.7  | 400.5  | 400.5  | 399.7  | 400.5  |
| 172.5° | 383.1 | 385.4 | 387.6 | 389.1 | 389.5  | 389.9  | 389.9  | 391.4  | 389.9  | 389.1  | 389.9  |
| 175°   | 378.5 | 380.8 | 380.8 | 382.3 | 382.3  | 382.3  | 382.3  | 383.1  | 381.6  | 380.8  | 381.6  |
| 177.5° | 376.3 | 377.0 | 377.8 | 377.8 | 377.8  | 377.8  | 377.0  | 377.8  | 375.5  | 375.5  | 375.5  |
| 180°   | 375.5 | 375.5 | 375.5 | 375.5 | 375.5  | 375.5  | 375.5  | 375.5  | 375.5  | 375.5  | 375.5  |

TEST NUMBER: P1028152

CATALOG NUMBER: S125DIP-B610D850UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  |
| 2.5°   | 946.1  | 940.8  | 942.3  | 940.8  | 937.1  | 934.8  | 928.8  | 921.3  | 918.3  | 914.6  | 912.3  |
| 5°     | 1021.9 | 1018.1 | 1017.4 | 1011.4 | 1009.9 | 1000.9 | 985.9  | 978.3  | 969.3  | 960.3  | 951.3  |
| 7.5°   | 1104.4 | 1099.9 | 1084.9 | 1082.6 | 1084.1 | 1072.9 | 1053.4 | 1038.4 | 1019.6 | 1006.9 | 989.6  |
| 10°    | 1172.7 | 1163.7 | 1150.9 | 1151.7 | 1146.4 | 1131.4 | 1111.9 | 1096.1 | 1069.1 | 1052.6 | 1027.9 |
| 12.5°  | 1213.9 | 1206.4 | 1204.9 | 1197.4 | 1192.9 | 1173.4 | 1150.2 | 1129.9 | 1109.6 | 1087.1 | 1068.4 |
| 15°    | 1264.2 | 1254.4 | 1247.7 | 1237.2 | 1234.2 | 1213.9 | 1188.4 | 1165.2 | 1141.9 | 1120.9 | 1081.1 |
| 17.5°  | 1319.7 | 1309.2 | 1283.7 | 1281.5 | 1263.5 | 1243.9 | 1219.2 | 1184.7 | 1159.9 | 1129.9 | 1100.6 |
| 20°    | 1382.7 | 1367.7 | 1334.7 | 1326.5 | 1312.2 | 1280.0 | 1246.2 | 1207.9 | 1168.2 | 1137.4 | 1102.9 |
| 22.5°  | 1453.3 | 1427.0 | 1403.0 | 1376.7 | 1366.2 | 1326.5 | 1280.0 | 1233.4 | 1185.4 | 1143.4 | 1102.1 |
| 25°    | 1544.8 | 1510.3 | 1476.5 | 1450.3 | 1432.3 | 1380.5 | 1318.2 | 1256.7 | 1201.2 | 1146.4 | 1092.4 |
| 27.5°  | 1616.8 | 1586.8 | 1550.1 | 1515.5 | 1492.3 | 1430.8 | 1359.5 | 1280.0 | 1210.9 | 1144.2 | 1086.4 |
| 30°    | 1622.1 | 1613.1 | 1590.6 | 1571.8 | 1546.3 | 1480.3 | 1401.5 | 1311.5 | 1225.9 | 1144.9 | 1074.4 |
| 32.5°  | 1523.8 | 1541.8 | 1551.6 | 1554.6 | 1549.3 | 1511.0 | 1439.0 | 1340.0 | 1239.4 | 1138.2 | 1063.9 |
| 35°    | 1312.2 | 1360.2 | 1419.5 | 1442.0 | 1463.8 | 1484.0 | 1446.5 | 1360.2 | 1243.9 | 1136.7 | 1047.4 |
| 37.5°  | 1080.4 | 1123.9 | 1222.2 | 1267.2 | 1292.7 | 1373.0 | 1403.8 | 1357.2 | 1252.9 | 1138.2 | 1031.6 |
| 40°    | 871.8  | 940.8  | 1011.4 | 1072.1 | 1111.9 | 1201.9 | 1297.2 | 1307.7 | 1240.2 | 1123.9 | 1011.4 |
| 42.5°  | 733.8  | 774.3  | 827.5  | 883.8  | 919.1  | 1025.6 | 1154.7 | 1230.4 | 1200.4 | 1100.6 | 986.6  |
| 45°    | 625.0  | 655.0  | 705.3  | 724.0  | 769.0  | 871.1  | 1007.6 | 1117.1 | 1132.2 | 1063.9 | 958.1  |
| 47.5°  | 536.4  | 562.0  | 594.2  | 617.5  | 653.5  | 730.0  | 845.6  | 966.3  | 1038.4 | 1013.6 | 918.3  |
| 50°    | 472.7  | 493.7  | 520.7  | 534.2  | 557.4  | 626.5  | 713.5  | 833.5  | 930.3  | 938.6  | 866.6  |
| 52.5°  | 419.4  | 431.4  | 452.4  | 467.4  | 486.2  | 528.2  | 607.0  | 706.0  | 814.8  | 859.8  | 802.8  |
| 55°    | 372.9  | 382.6  | 401.4  | 411.1  | 420.9  | 456.9  | 518.4  | 608.5  | 710.5  | 769.8  | 737.5  |
| 57.5°  | 330.9  | 339.1  | 354.9  | 363.9  | 369.1  | 403.6  | 450.9  | 521.4  | 613.0  | 685.0  | 667.0  |
| 60°    | 296.4  | 303.9  | 312.9  | 319.6  | 325.6  | 354.1  | 387.1  | 444.2  | 525.9  | 595.7  | 591.2  |
| 62.5°  | 259.6  | 266.3  | 276.1  | 282.9  | 288.1  | 306.1  | 333.9  | 377.4  | 447.2  | 511.7  | 524.4  |
| 65°    | 227.3  | 232.6  | 239.3  | 242.3  | 249.1  | 262.6  | 285.1  | 324.1  | 381.1  | 438.9  | 447.9  |
| 67.5°  | 198.1  | 199.6  | 204.1  | 210.8  | 212.3  | 224.3  | 244.6  | 273.8  | 318.1  | 365.4  | 379.6  |
| 70°    | 166.6  | 168.8  | 172.6  | 177.8  | 180.8  | 188.3  | 205.6  | 225.1  | 263.3  | 304.6  | 315.1  |
| 72.5°  | 138.8  | 141.8  | 143.3  | 146.3  | 147.8  | 159.8  | 167.3  | 186.8  | 213.1  | 247.6  | 258.8  |
| 75°    | 112.5  | 115.5  | 116.3  | 117.8  | 119.3  | 124.5  | 135.0  | 147.1  | 168.8  | 191.3  | 206.3  |
| 77.5°  | 89.3   | 88.5   | 90.0   | 92.3   | 91.5   | 96.0   | 102.8  | 113.3  | 127.5  | 146.3  | 156.1  |
| 80°    | 63.0   | 63.0   | 65.3   | 67.5   | 66.8   | 71.3   | 73.5   | 81.0   | 93.0   | 105.0  | 108.8  |
| 82.5°  | 42.0   | 42.0   | 44.3   | 44.3   | 45.8   | 46.5   | 49.5   | 53.3   | 63.0   | 69.0   | 71.3   |
| 85°    | 24.0   | 24.0   | 24.8   | 24.8   | 24.8   | 26.3   | 28.5   | 30.0   | 33.0   | 36.8   | 38.3   |
| 87.5°  | 9.8    | 10.5   | 10.5   | 10.5   | 10.5   | 12.0   | 12.0   | 13.5   | 14.3   | 15.8   | 15.8   |
| 90°    | 16.7   | 16.7   | 16.7   | 15.9   | 15.1   | 14.4   | 13.6   | 12.9   | 12.1   | 10.6   | 9.8    |
| 92.5°  | 59.1   | 61.3   | 73.4   | 80.6   | 87.8   | 118.1  | 164.3  | 243.8  | 302.1  | 307.4  | 213.5  |
| 95°    | 196.1  | 218.8  | 272.6  | 304.4  | 336.1  | 429.3  | 544.3  | 656.4  | 670.8  | 547.4  | 338.4  |
| 97.5°  | 419.4  | 458.8  | 504.2  | 549.6  | 595.1  | 689.0  | 780.6  | 819.9  | 724.5  | 502.0  | 276.3  |
| 100°   | 630.7  | 685.2  | 737.4  | 776.8  | 816.1  | 894.1  | 931.2  | 872.9  | 683.7  | 436.1  | 245.3  |
| 102.5° | 854.0  | 888.8  | 945.6  | 969.0  | 992.5  | 1019.8 | 981.9  | 841.1  | 611.7  | 386.1  | 232.4  |
| 105°   | 1027.4 | 1052.4 | 1076.6 | 1080.8 | 1084.9 | 1051.6 | 947.9  | 766.2  | 548.9  | 357.3  | 230.9  |
| 107.5° | 1131.9 | 1135.6 | 1128.8 | 1112.2 | 1095.5 | 1015.3 | 878.2  | 695.0  | 502.0  | 342.2  | 236.2  |
| 110°   | 1162.9 | 1148.5 | 1114.4 | 1082.2 | 1050.1 | 943.3  | 799.5  | 636.0  | 470.9  | 336.1  | 244.5  |

TEST NUMBER: P1028152

CATALOG NUMBER: S125DIP-B610D850UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 1140.2 | 1112.9 | 1059.2 | 1019.8 | 980.4 | 872.2 | 737.4 | 592.0 | 452.7 | 336.1 | 255.1 |
| 115°   | 1086.4 | 1050.1 | 991.0  | 949.8  | 908.5 | 804.8 | 687.4 | 562.5 | 440.6 | 338.4 | 265.7 |
| 117.5° | 1022.8 | 985.0  | 925.2  | 886.2  | 847.2 | 756.3 | 652.6 | 542.8 | 433.8 | 342.2 | 277.9 |
| 120°   | 958.5  | 922.1  | 866.1  | 832.8  | 799.5 | 716.2 | 625.4 | 526.9 | 429.3 | 348.3 | 290.0 |
| 122.5° | 901.7  | 869.1  | 820.7  | 790.0  | 759.4 | 687.4 | 604.9 | 513.3 | 425.5 | 353.6 | 303.6 |
| 125°   | 856.3  | 825.2  | 782.8  | 755.6  | 728.3 | 662.5 | 585.2 | 501.2 | 422.5 | 359.6 | 315.7 |
| 127.5° | 818.4  | 790.4  | 751.8  | 726.0  | 700.3 | 638.2 | 564.8 | 489.8 | 420.9 | 366.4 | 327.1 |
| 130°   | 783.6  | 758.6  | 720.8  | 696.2  | 671.5 | 612.5 | 545.9 | 478.5 | 419.4 | 372.5 | 338.4 |
| 132.5° | 750.3  | 725.3  | 687.4  | 664.0  | 640.5 | 588.3 | 526.9 | 469.4 | 419.4 | 379.3 | 348.3 |
| 135°   | 713.2  | 688.2  | 654.9  | 633.3  | 611.7 | 563.3 | 511.0 | 462.6 | 419.4 | 385.4 | 357.3 |
| 137.5° | 673.8  | 650.3  | 620.1  | 601.2  | 582.2 | 540.6 | 496.7 | 455.8 | 420.2 | 391.4 | 364.2 |
| 140°   | 635.2  | 615.5  | 587.5  | 571.6  | 555.7 | 520.9 | 485.3 | 451.2 | 420.9 | 395.2 | 371.0 |
| 142.5° | 598.1  | 582.2  | 559.5  | 546.2  | 533.0 | 504.2 | 475.5 | 447.4 | 421.7 | 397.5 | 374.8 |
| 145°   | 565.5  | 552.7  | 534.5  | 524.3  | 514.1 | 490.6 | 467.1 | 443.7 | 420.9 | 399.0 | 378.5 |
| 147.5° | 539.0  | 528.5  | 513.3  | 505.4  | 497.4 | 478.5 | 458.8 | 439.9 | 419.4 | 399.7 | 380.8 |
| 150°   | 517.1  | 508.0  | 496.7  | 489.8  | 483.0 | 468.6 | 452.0 | 435.3 | 417.2 | 399.7 | 383.1 |
| 152.5° | 497.4  | 490.6  | 481.5  | 476.6  | 471.7 | 458.8 | 444.4 | 430.0 | 414.1 | 399.0 | 384.6 |
| 155°   | 480.8  | 475.5  | 467.9  | 463.8  | 459.6 | 449.0 | 436.8 | 424.0 | 410.3 | 397.5 | 385.4 |
| 157.5° | 465.6  | 461.1  | 455.0  | 451.6  | 448.2 | 439.9 | 429.3 | 418.7 | 406.6 | 396.0 | 386.1 |
| 160°   | 451.2  | 447.4  | 442.1  | 439.4  | 436.8 | 429.3 | 421.7 | 411.9 | 402.8 | 393.7 | 386.1 |
| 162.5° | 437.6  | 434.6  | 430.8  | 428.5  | 426.2 | 420.2 | 413.4 | 405.8 | 398.2 | 391.4 | 385.4 |
| 165°   | 424.0  | 422.5  | 419.4  | 417.5  | 415.6 | 411.1 | 405.8 | 399.7 | 393.7 | 389.1 | 384.6 |
| 167.5° | 411.9  | 410.3  | 408.8  | 407.3  | 405.8 | 402.0 | 398.2 | 393.7 | 389.1 | 385.4 | 383.1 |
| 170°   | 400.5  | 399.7  | 398.2  | 397.4  | 396.7 | 394.4 | 392.2 | 388.4 | 385.4 | 383.1 | 381.6 |
| 172.5° | 391.4  | 389.9  | 389.9  | 389.5  | 389.1 | 387.6 | 385.4 | 383.1 | 380.8 | 380.1 | 380.1 |
| 175°   | 383.1  | 382.3  | 382.3  | 382.3  | 382.3 | 380.8 | 380.8 | 378.5 | 377.8 | 377.8 | 378.5 |
| 177.5° | 377.8  | 377.0  | 377.8  | 377.8  | 377.8 | 377.8 | 377.0 | 376.3 | 375.5 | 375.5 | 377.0 |
| 180°   | 375.5  | 375.5  | 375.5  | 375.5  | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 |

TEST NUMBER: P1028152

CATALOG NUMBER: S125DIP-B610D850UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 883.8  | 883.8  | 883.8  | 883.8 | 883.8 | 883.8 | 883.8 | 883.8 | 883.8 | 883.8 | 883.8 |
| 2.5°   | 909.3  | 905.6  | 901.1  | 901.1 | 895.8 | 893.6 | 889.1 | 887.6 | 883.8 | 877.8 | 873.3 |
| 5°     | 941.6  | 931.8  | 925.8  | 920.6 | 909.3 | 901.1 | 892.8 | 883.8 | 874.8 | 864.3 | 852.3 |
| 7.5°   | 973.1  | 955.1  | 946.8  | 937.8 | 921.3 | 904.1 | 887.6 | 875.6 | 863.6 | 847.1 | 832.0 |
| 10°    | 1006.1 | 983.6  | 968.6  | 956.6 | 931.1 | 909.3 | 885.3 | 868.1 | 849.3 | 828.3 | 808.8 |
| 12.5°  | 1033.9 | 1004.6 | 991.9  | 969.3 | 940.1 | 913.8 | 883.8 | 857.6 | 832.8 | 808.0 | 784.0 |
| 15°    | 1057.1 | 1029.4 | 997.9  | 988.9 | 948.3 | 910.8 | 877.1 | 843.3 | 812.5 | 787.8 | 760.0 |
| 17.5°  | 1064.6 | 1029.4 | 1013.6 | 991.9 | 943.8 | 904.8 | 862.1 | 825.3 | 796.0 | 759.3 | 737.5 |
| 20°    | 1066.9 | 1033.1 | 1011.4 | 991.1 | 948.3 | 896.6 | 854.6 | 809.5 | 774.3 | 737.5 | 703.0 |
| 22.5°  | 1060.9 | 1021.1 | 1000.1 | 980.6 | 932.6 | 888.3 | 839.5 | 790.0 | 748.8 | 715.0 | 680.5 |
| 25°    | 1049.6 | 1003.1 | 982.9  | 961.8 | 916.1 | 867.3 | 814.0 | 766.8 | 728.5 | 688.0 | 654.2 |
| 27.5°  | 1034.6 | 981.4  | 958.1  | 936.3 | 891.3 | 845.6 | 795.3 | 746.5 | 703.8 | 661.0 | 629.5 |
| 30°    | 1015.9 | 954.3  | 933.3  | 904.8 | 861.3 | 817.8 | 772.0 | 723.3 | 675.2 | 634.7 | 600.2 |
| 32.5°  | 991.9  | 927.3  | 899.6  | 872.6 | 825.3 | 785.5 | 742.0 | 696.2 | 649.7 | 610.0 | 574.0 |
| 35°    | 970.1  | 896.6  | 865.8  | 838.8 | 786.3 | 744.3 | 708.3 | 665.5 | 624.2 | 583.0 | 550.7 |
| 37.5°  | 940.8  | 865.8  | 829.0  | 801.3 | 748.0 | 705.3 | 671.5 | 638.5 | 595.0 | 555.2 | 525.2 |
| 40°    | 910.1  | 827.5  | 793.0  | 765.3 | 709.8 | 663.2 | 631.0 | 601.7 | 566.5 | 529.7 | 498.2 |
| 42.5°  | 882.3  | 790.8  | 754.0  | 720.3 | 664.0 | 622.7 | 589.7 | 567.2 | 534.9 | 501.9 | 473.4 |
| 45°    | 847.1  | 751.8  | 712.0  | 676.7 | 622.7 | 577.7 | 546.2 | 528.2 | 504.2 | 471.9 | 447.2 |
| 47.5°  | 811.0  | 709.8  | 668.5  | 634.0 | 575.5 | 535.7 | 504.9 | 487.7 | 471.2 | 445.7 | 420.9 |
| 50°    | 763.8  | 665.5  | 628.0  | 588.2 | 530.4 | 489.9 | 464.4 | 447.2 | 434.4 | 416.4 | 395.4 |
| 52.5°  | 712.0  | 619.7  | 579.2  | 544.7 | 487.7 | 450.9 | 421.7 | 411.9 | 399.1 | 385.6 | 367.6 |
| 55°    | 657.2  | 570.2  | 531.2  | 497.4 | 444.9 | 407.4 | 383.4 | 372.9 | 363.1 | 352.6 | 340.6 |
| 57.5°  | 602.5  | 518.4  | 481.7  | 451.7 | 402.9 | 366.9 | 347.4 | 333.1 | 326.4 | 320.4 | 310.6 |
| 60°    | 534.2  | 462.9  | 434.4  | 407.4 | 359.4 | 326.4 | 307.6 | 297.1 | 291.1 | 288.1 | 283.6 |
| 62.5°  | 474.2  | 415.6  | 384.1  | 357.9 | 319.6 | 290.4 | 272.3 | 264.1 | 258.8 | 257.3 | 252.1 |
| 65°    | 410.4  | 360.1  | 335.4  | 312.9 | 279.8 | 253.6 | 238.6 | 228.8 | 225.1 | 224.3 | 224.3 |
| 67.5°  | 350.4  | 309.9  | 285.1  | 269.3 | 240.8 | 217.6 | 203.3 | 199.6 | 197.3 | 194.3 | 193.6 |
| 70°    | 294.1  | 261.8  | 240.1  | 226.6 | 201.1 | 183.8 | 172.6 | 166.6 | 166.6 | 164.3 | 162.8 |
| 72.5°  | 244.6  | 212.3  | 198.1  | 186.8 | 165.8 | 150.8 | 142.6 | 141.1 | 135.8 | 135.0 | 135.0 |
| 75°    | 191.3  | 167.3  | 157.6  | 147.8 | 132.0 | 121.5 | 114.8 | 111.0 | 108.0 | 108.0 | 108.8 |
| 77.5°  | 144.1  | 127.5  | 118.5  | 111.0 | 99.8  | 93.0  | 87.8  | 86.3  | 83.3  | 83.3  | 83.3  |
| 80°    | 102.0  | 93.0   | 86.3   | 80.3  | 72.0  | 66.0  | 63.0  | 60.0  | 60.0  | 59.3  | 60.0  |
| 82.5°  | 66.0   | 58.5   | 54.8   | 54.0  | 46.5  | 44.3  | 40.5  | 41.3  | 39.0  | 38.3  | 39.8  |
| 85°    | 38.3   | 34.5   | 30.0   | 28.5  | 25.5  | 22.5  | 21.0  | 21.8  | 21.0  | 20.3  | 21.0  |
| 87.5°  | 15.0   | 12.8   | 12.0   | 12.0  | 9.8   | 9.0   | 8.3   | 9.0   | 7.5   | 7.5   | 8.3   |
| 90°    | 8.3    | 7.6    | 6.8    | 6.1   | 4.5   | 3.0   | 1.5   | 0.8   | 1.5   | 3.0   | 4.5   |
| 92.5°  | 127.2  | 75.7   | 62.1   | 48.5  | 32.6  | 21.2  | 13.6  | 11.4  | 13.6  | 21.2  | 32.6  |
| 95°    | 171.9  | 90.9   | 73.8   | 56.8  | 40.1  | 31.8  | 25.7  | 25.0  | 25.7  | 31.8  | 40.1  |
| 97.5°  | 148.4  | 92.4   | 79.9   | 67.4  | 52.2  | 43.9  | 39.4  | 38.6  | 39.4  | 43.9  | 52.2  |
| 100°   | 146.9  | 103.0  | 91.6   | 80.3  | 65.9  | 57.5  | 54.5  | 53.0  | 54.5  | 57.5  | 65.9  |
| 102.5° | 153.7  | 115.8  | 104.8  | 93.9  | 81.0  | 71.9  | 69.7  | 68.9  | 69.7  | 71.9  | 81.0  |
| 105°   | 163.5  | 130.2  | 119.6  | 109.0 | 96.9  | 89.3  | 85.6  | 85.6  | 85.6  | 89.3  | 96.9  |
| 107.5° | 177.2  | 144.6  | 135.2  | 125.7 | 112.8 | 106.8 | 103.0 | 101.5 | 103.0 | 106.8 | 112.8 |
| 110°   | 192.3  | 161.3  | 151.4  | 141.6 | 130.2 | 123.4 | 120.4 | 118.9 | 120.4 | 123.4 | 130.2 |

TEST NUMBER: P1028152

CATALOG NUMBER: S125DIP-B610D850UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 206.7 | 177.2 | 167.7  | 158.2 | 146.9 | 140.1 | 137.8 | 136.3 | 137.8 | 140.1 | 146.9 |
| 115°   | 221.8 | 193.8 | 184.4  | 174.9 | 163.5 | 156.7 | 154.4 | 152.9 | 154.4 | 156.7 | 163.5 |
| 117.5° | 237.0 | 210.5 | 201.4  | 192.3 | 179.4 | 172.6 | 170.3 | 168.1 | 170.3 | 172.6 | 179.4 |
| 120°   | 253.6 | 227.1 | 217.6  | 208.2 | 195.3 | 188.5 | 185.5 | 183.2 | 185.5 | 188.5 | 195.3 |
| 122.5° | 269.5 | 243.0 | 233.6  | 224.1 | 209.7 | 202.9 | 200.6 | 199.1 | 200.6 | 202.9 | 209.7 |
| 125°   | 283.2 | 258.2 | 248.4  | 238.5 | 224.1 | 217.3 | 213.5 | 212.0 | 213.5 | 217.3 | 224.1 |
| 127.5° | 296.8 | 272.6 | 262.8  | 252.9 | 237.7 | 229.4 | 224.9 | 222.6 | 224.9 | 229.4 | 237.7 |
| 130°   | 309.7 | 286.2 | 276.4  | 266.5 | 250.6 | 240.8 | 234.7 | 232.4 | 234.7 | 240.8 | 250.6 |
| 132.5° | 321.8 | 298.3 | 288.5  | 278.6 | 262.0 | 250.6 | 243.0 | 240.0 | 243.0 | 250.6 | 262.0 |
| 135°   | 332.4 | 308.9 | 298.7  | 288.5 | 272.6 | 260.4 | 251.4 | 248.3 | 251.4 | 260.4 | 272.6 |
| 137.5° | 339.9 | 318.7 | 308.1  | 297.5 | 281.6 | 269.5 | 261.2 | 258.9 | 261.2 | 269.5 | 281.6 |
| 140°   | 348.3 | 326.3 | 316.1  | 305.9 | 291.5 | 279.4 | 270.3 | 268.0 | 270.3 | 279.4 | 291.5 |
| 142.5° | 353.6 | 333.1 | 323.6  | 314.2 | 300.6 | 288.5 | 280.1 | 278.6 | 280.1 | 288.5 | 300.6 |
| 145°   | 359.6 | 339.9 | 331.2  | 322.5 | 308.9 | 298.3 | 290.7 | 289.2 | 290.7 | 298.3 | 308.9 |
| 147.5° | 363.4 | 346.0 | 338.0  | 330.1 | 318.0 | 308.1 | 301.3 | 300.6 | 301.3 | 308.1 | 318.0 |
| 150°   | 367.2 | 350.5 | 344.1  | 337.7 | 327.1 | 317.2 | 311.9 | 310.4 | 311.9 | 317.2 | 327.1 |
| 152.5° | 371.0 | 355.8 | 350.2  | 344.5 | 334.6 | 326.3 | 321.8 | 321.0 | 321.8 | 326.3 | 334.6 |
| 155°   | 373.2 | 360.4 | 355.1  | 349.8 | 342.2 | 334.6 | 330.1 | 330.1 | 330.1 | 334.6 | 342.2 |
| 157.5° | 375.5 | 364.2 | 360.0  | 355.8 | 349.0 | 342.2 | 338.4 | 338.4 | 338.4 | 342.2 | 349.0 |
| 160°   | 377.0 | 367.2 | 363.8  | 360.4 | 354.3 | 349.0 | 346.0 | 346.7 | 346.0 | 349.0 | 354.3 |
| 162.5° | 378.5 | 370.2 | 367.5  | 364.9 | 360.4 | 355.8 | 352.8 | 353.6 | 352.8 | 355.8 | 360.4 |
| 165°   | 378.5 | 372.5 | 370.2  | 367.9 | 364.9 | 361.1 | 358.9 | 360.4 | 358.9 | 361.1 | 364.9 |
| 167.5° | 378.5 | 373.2 | 371.7  | 370.2 | 367.9 | 365.7 | 364.2 | 364.9 | 364.2 | 365.7 | 367.9 |
| 170°   | 378.5 | 374.8 | 373.6  | 372.5 | 371.0 | 369.5 | 368.7 | 369.5 | 368.7 | 369.5 | 371.0 |
| 172.5° | 377.8 | 374.8 | 374.4  | 374.0 | 373.2 | 371.7 | 371.0 | 372.5 | 371.0 | 371.7 | 373.2 |
| 175°   | 377.0 | 374.8 | 374.8  | 374.8 | 374.8 | 374.0 | 373.2 | 374.8 | 373.2 | 374.0 | 374.8 |
| 177.5° | 376.3 | 374.8 | 374.8  | 374.8 | 375.5 | 374.8 | 374.8 | 376.3 | 374.8 | 374.8 | 375.5 |
| 180°   | 375.5 | 375.5 | 375.5  | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 |

TEST NUMBER: P1028152

CATALOG NUMBER: S125DIP-B610D850UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°   | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0°     | 883.8 | 883.8  | 883.8 | 883.8 | 883.8 | 883.8 | 883.8 | 883.8 | 883.8 | 883.8  | 883.8  |
| 2.5°   | 871.8 | 870.3  | 866.6 | 864.3 | 856.8 | 847.8 | 844.8 | 837.3 | 840.3 | 835.0  | 835.0  |
| 5°     | 848.6 | 841.8  | 837.3 | 830.5 | 816.3 | 806.5 | 796.0 | 790.8 | 787.8 | 784.0  | 781.0  |
| 7.5°   | 818.5 | 813.3  | 808.8 | 796.0 | 780.3 | 766.8 | 754.0 | 748.8 | 739.0 | 732.3  | 729.3  |
| 10°    | 792.3 | 784.8  | 774.3 | 759.3 | 742.8 | 725.5 | 714.3 | 703.0 | 695.5 | 691.7  | 683.5  |
| 12.5°  | 765.3 | 756.3  | 745.0 | 723.3 | 705.3 | 694.7 | 674.5 | 664.0 | 660.2 | 657.2  | 647.5  |
| 15°    | 737.5 | 727.8  | 714.3 | 694.0 | 678.2 | 653.5 | 641.5 | 633.2 | 624.2 | 623.5  | 616.0  |
| 17.5°  | 712.8 | 700.8  | 689.5 | 664.7 | 645.2 | 623.5 | 616.7 | 607.7 | 599.5 | 590.5  | 586.7  |
| 20°    | 681.2 | 670.0  | 661.7 | 634.7 | 613.0 | 599.5 | 588.2 | 580.7 | 575.5 | 566.5  | 565.0  |
| 22.5°  | 652.7 | 640.7  | 629.5 | 609.2 | 590.5 | 573.2 | 559.7 | 551.4 | 549.2 | 545.4  | 538.7  |
| 25°    | 625.0 | 613.0  | 599.5 | 580.7 | 561.2 | 549.2 | 537.2 | 531.9 | 527.4 | 521.4  | 516.2  |
| 27.5°  | 601.7 | 590.5  | 577.7 | 554.4 | 537.9 | 528.9 | 516.2 | 510.2 | 504.2 | 501.2  | 498.9  |
| 30°    | 574.0 | 561.2  | 551.4 | 533.4 | 515.4 | 503.4 | 494.4 | 489.2 | 483.9 | 480.9  | 479.4  |
| 32.5°  | 546.9 | 534.9  | 528.2 | 508.7 | 494.4 | 480.2 | 473.4 | 469.7 | 466.7 | 463.7  | 460.7  |
| 35°    | 525.2 | 513.2  | 502.7 | 484.7 | 470.4 | 460.7 | 455.4 | 449.4 | 447.2 | 444.2  | 444.2  |
| 37.5°  | 498.2 | 489.2  | 478.7 | 461.4 | 448.7 | 441.2 | 436.7 | 429.2 | 428.4 | 426.9  | 424.7  |
| 40°    | 474.9 | 465.9  | 456.2 | 441.2 | 429.9 | 420.9 | 414.9 | 411.1 | 408.9 | 407.4  | 405.9  |
| 42.5°  | 450.2 | 440.4  | 435.9 | 418.6 | 408.9 | 399.9 | 396.9 | 393.1 | 392.4 | 389.4  | 385.6  |
| 45°    | 426.2 | 417.9  | 408.9 | 396.1 | 387.9 | 380.4 | 375.9 | 372.9 | 369.1 | 368.4  | 366.1  |
| 47.5°  | 405.1 | 395.4  | 387.1 | 375.1 | 366.1 | 360.1 | 356.4 | 352.6 | 349.6 | 347.4  | 345.1  |
| 50°    | 378.1 | 370.6  | 363.9 | 351.1 | 343.6 | 337.6 | 332.4 | 329.4 | 326.4 | 326.4  | 326.4  |
| 52.5°  | 351.9 | 345.1  | 339.1 | 330.1 | 321.1 | 315.9 | 309.9 | 307.6 | 306.1 | 303.9  | 306.1  |
| 55°    | 326.4 | 319.6  | 313.6 | 306.9 | 296.4 | 291.9 | 285.9 | 283.6 | 284.4 | 284.4  | 286.6  |
| 57.5°  | 299.4 | 294.1  | 290.4 | 282.1 | 272.3 | 267.8 | 264.1 | 261.8 | 261.8 | 264.8  | 265.6  |
| 60°    | 273.1 | 267.8  | 261.1 | 253.6 | 247.6 | 242.3 | 240.1 | 240.8 | 240.8 | 242.3  | 246.1  |
| 62.5°  | 243.8 | 240.8  | 237.1 | 226.6 | 222.8 | 219.1 | 216.1 | 218.3 | 217.6 | 221.3  | 226.6  |
| 65°    | 216.8 | 213.8  | 208.6 | 203.3 | 198.8 | 195.1 | 194.3 | 195.1 | 196.6 | 200.3  | 206.3  |
| 67.5°  | 186.8 | 186.8  | 182.3 | 177.8 | 174.1 | 170.3 | 171.1 | 171.8 | 173.3 | 177.8  | 186.8  |
| 70°    | 162.1 | 159.1  | 154.6 | 151.6 | 148.6 | 147.1 | 145.6 | 148.6 | 153.1 | 156.1  | 162.8  |
| 72.5°  | 135.0 | 132.8  | 129.0 | 126.0 | 125.3 | 123.8 | 123.0 | 124.5 | 129.0 | 134.3  | 141.8  |
| 75°    | 106.5 | 107.3  | 105.0 | 102.8 | 102.8 | 100.5 | 102.0 | 102.0 | 106.5 | 111.8  | 117.8  |
| 77.5°  | 82.5  | 81.8   | 81.0  | 79.5  | 78.8  | 78.8  | 78.8  | 80.3  | 84.8  | 87.8   | 93.8   |
| 80°    | 58.5  | 59.3   | 57.0  | 57.8  | 57.0  | 57.8  | 57.8  | 60.8  | 63.0  | 66.8   | 71.3   |
| 82.5°  | 39.0  | 39.0   | 37.5  | 38.3  | 38.3  | 38.3  | 39.0  | 40.5  | 43.5  | 46.5   | 49.5   |
| 85°    | 21.8  | 22.5   | 21.0  | 22.5  | 22.5  | 22.5  | 23.3  | 24.0  | 26.3  | 27.0   | 30.0   |
| 87.5°  | 8.3   | 9.8    | 9.8   | 8.3   | 9.0   | 9.8   | 10.5  | 9.8   | 11.3  | 12.8   | 13.5   |
| 90°    | 6.1   | 6.8    | 7.6   | 8.3   | 9.8   | 10.6  | 12.1  | 12.9  | 13.6  | 14.4   | 15.1   |
| 92.5°  | 48.5  | 62.1   | 75.7  | 127.2 | 213.5 | 307.4 | 302.1 | 243.8 | 164.3 | 118.1  | 87.8   |
| 95°    | 56.8  | 73.8   | 90.9  | 171.9 | 338.4 | 547.4 | 670.8 | 656.4 | 544.3 | 429.3  | 336.1  |
| 97.5°  | 67.4  | 79.9   | 92.4  | 148.4 | 276.3 | 502.0 | 724.5 | 819.9 | 780.6 | 689.0  | 595.1  |
| 100°   | 80.3  | 91.6   | 103.0 | 146.9 | 245.3 | 436.1 | 683.7 | 872.9 | 931.2 | 894.1  | 816.1  |
| 102.5° | 93.9  | 104.8  | 115.8 | 153.7 | 232.4 | 386.1 | 611.7 | 841.1 | 981.9 | 1019.8 | 992.5  |
| 105°   | 109.0 | 119.6  | 130.2 | 163.5 | 230.9 | 357.3 | 548.9 | 766.2 | 947.9 | 1051.6 | 1084.9 |
| 107.5° | 125.7 | 135.2  | 144.6 | 177.2 | 236.2 | 342.2 | 502.0 | 695.0 | 878.2 | 1015.3 | 1095.5 |
| 110°   | 141.6 | 151.4  | 161.3 | 192.3 | 244.5 | 336.1 | 470.9 | 636.0 | 799.5 | 943.3  | 1050.1 |

TEST NUMBER: P1028152

CATALOG NUMBER: S125DIP-B610D850UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 158.2 | 167.7  | 177.2 | 206.7 | 255.1 | 336.1 | 452.7 | 592.0 | 737.4 | 872.2 | 980.4 |
| 115°   | 174.9 | 184.4  | 193.8 | 221.8 | 265.7 | 338.4 | 440.6 | 562.5 | 687.4 | 804.8 | 908.5 |
| 117.5° | 192.3 | 201.4  | 210.5 | 237.0 | 277.9 | 342.2 | 433.8 | 542.8 | 652.6 | 756.3 | 847.2 |
| 120°   | 208.2 | 217.6  | 227.1 | 253.6 | 290.0 | 348.3 | 429.3 | 526.9 | 625.4 | 716.2 | 799.5 |
| 122.5° | 224.1 | 233.6  | 243.0 | 269.5 | 303.6 | 353.6 | 425.5 | 513.3 | 604.9 | 687.4 | 759.4 |
| 125°   | 238.5 | 248.4  | 258.2 | 283.2 | 315.7 | 359.6 | 422.5 | 501.2 | 585.2 | 662.5 | 728.3 |
| 127.5° | 252.9 | 262.8  | 272.6 | 296.8 | 327.1 | 366.4 | 420.9 | 489.8 | 564.8 | 638.2 | 700.3 |
| 130°   | 266.5 | 276.4  | 286.2 | 309.7 | 338.4 | 372.5 | 419.4 | 478.5 | 545.9 | 612.5 | 671.5 |
| 132.5° | 278.6 | 288.5  | 298.3 | 321.8 | 348.3 | 379.3 | 419.4 | 469.4 | 526.9 | 588.3 | 640.5 |
| 135°   | 288.5 | 298.7  | 308.9 | 332.4 | 357.3 | 385.4 | 419.4 | 462.6 | 511.0 | 563.3 | 611.7 |
| 137.5° | 297.5 | 308.1  | 318.7 | 339.9 | 364.2 | 391.4 | 420.2 | 455.8 | 496.7 | 540.6 | 582.2 |
| 140°   | 305.9 | 316.1  | 326.3 | 348.3 | 371.0 | 395.2 | 420.9 | 451.2 | 485.3 | 520.9 | 555.7 |
| 142.5° | 314.2 | 323.6  | 333.1 | 353.6 | 374.8 | 397.5 | 421.7 | 447.4 | 475.5 | 504.2 | 533.0 |
| 145°   | 322.5 | 331.2  | 339.9 | 359.6 | 378.5 | 399.0 | 420.9 | 443.7 | 467.1 | 490.6 | 514.1 |
| 147.5° | 330.1 | 338.0  | 346.0 | 363.4 | 380.8 | 399.7 | 419.4 | 439.9 | 458.8 | 478.5 | 497.4 |
| 150°   | 337.7 | 344.1  | 350.5 | 367.2 | 383.1 | 399.7 | 417.2 | 435.3 | 452.0 | 468.6 | 483.0 |
| 152.5° | 344.5 | 350.2  | 355.8 | 371.0 | 384.6 | 399.0 | 414.1 | 430.0 | 444.4 | 458.8 | 471.7 |
| 155°   | 349.8 | 355.1  | 360.4 | 373.2 | 385.4 | 397.5 | 410.3 | 424.0 | 436.8 | 449.0 | 459.6 |
| 157.5° | 355.8 | 360.0  | 364.2 | 375.5 | 386.1 | 396.0 | 406.6 | 418.7 | 429.3 | 439.9 | 448.2 |
| 160°   | 360.4 | 363.8  | 367.2 | 377.0 | 386.1 | 393.7 | 402.8 | 411.9 | 421.7 | 429.3 | 436.8 |
| 162.5° | 364.9 | 367.5  | 370.2 | 378.5 | 385.4 | 391.4 | 398.2 | 405.8 | 413.4 | 420.2 | 426.2 |
| 165°   | 367.9 | 370.2  | 372.5 | 378.5 | 384.6 | 389.1 | 393.7 | 399.7 | 405.8 | 411.1 | 415.6 |
| 167.5° | 370.2 | 371.7  | 373.2 | 378.5 | 383.1 | 385.4 | 389.1 | 393.7 | 398.2 | 402.0 | 405.8 |
| 170°   | 372.5 | 373.6  | 374.8 | 378.5 | 381.6 | 383.1 | 385.4 | 388.4 | 392.2 | 394.4 | 396.7 |
| 172.5° | 374.0 | 374.4  | 374.8 | 377.8 | 380.1 | 380.1 | 380.8 | 383.1 | 385.4 | 387.6 | 389.1 |
| 175°   | 374.8 | 374.8  | 374.8 | 377.0 | 378.5 | 377.8 | 377.8 | 378.5 | 380.8 | 380.8 | 382.3 |
| 177.5° | 374.8 | 374.8  | 374.8 | 376.3 | 377.0 | 375.5 | 375.5 | 376.3 | 377.0 | 377.8 | 377.8 |
| 180°   | 375.5 | 375.5  | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 |



TEST NUMBER: P1028152

CATALOG NUMBER: S125DIP-B610D850UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  | 883.8  |
| 2.5°   | 838.0  | 832.8  | 832.0  | 833.5  | 830.5  | 835.0  | 833.5  | 835.0  | 831.3  | 835.0  | 832.8  |
| 5°     | 780.3  | 778.8  | 775.8  | 772.0  | 772.8  | 773.5  | 777.3  | 773.5  | 776.5  | 777.3  | 781.0  |
| 7.5°   | 726.3  | 723.3  | 725.5  | 724.0  | 717.3  | 715.8  | 717.3  | 719.5  | 724.0  | 727.0  | 729.3  |
| 10°    | 682.7  | 681.2  | 678.2  | 676.0  | 672.2  | 670.0  | 673.0  | 670.0  | 676.0  | 681.2  | 681.2  |
| 12.5°  | 649.7  | 643.7  | 640.0  | 639.2  | 631.0  | 632.5  | 635.5  | 637.7  | 644.5  | 647.5  | 647.5  |
| 15°    | 615.2  | 610.7  | 609.2  | 606.2  | 603.2  | 606.2  | 604.7  | 607.0  | 610.0  | 613.0  | 614.5  |
| 17.5°  | 585.2  | 584.5  | 585.2  | 577.7  | 580.0  | 576.2  | 577.0  | 580.7  | 578.5  | 580.7  | 585.2  |
| 20°    | 558.2  | 559.7  | 557.4  | 554.4  | 554.4  | 549.9  | 555.2  | 553.7  | 554.4  | 558.9  | 565.7  |
| 22.5°  | 537.9  | 537.2  | 534.9  | 532.7  | 529.7  | 530.4  | 531.2  | 529.7  | 535.7  | 539.4  | 540.2  |
| 25°    | 516.2  | 514.7  | 513.9  | 511.7  | 508.7  | 511.7  | 510.9  | 511.7  | 513.2  | 519.2  | 514.7  |
| 27.5°  | 495.9  | 492.9  | 494.4  | 492.2  | 491.4  | 492.2  | 492.2  | 492.9  | 494.4  | 495.2  | 495.9  |
| 30°    | 478.7  | 475.7  | 474.9  | 473.4  | 472.7  | 473.4  | 474.9  | 473.4  | 479.4  | 478.7  | 478.7  |
| 32.5°  | 459.9  | 457.7  | 456.2  | 456.2  | 455.4  | 454.7  | 455.4  | 456.2  | 460.7  | 457.7  | 460.7  |
| 35°    | 441.9  | 440.4  | 440.4  | 438.9  | 438.2  | 438.2  | 438.2  | 441.2  | 439.7  | 441.9  | 441.9  |
| 37.5°  | 424.7  | 424.7  | 423.9  | 422.4  | 421.7  | 422.4  | 421.7  | 423.2  | 422.4  | 423.2  | 423.9  |
| 40°    | 406.6  | 405.1  | 404.4  | 404.4  | 402.1  | 399.9  | 402.1  | 402.1  | 402.9  | 405.1  | 405.9  |
| 42.5°  | 384.9  | 385.6  | 385.6  | 382.6  | 382.6  | 382.6  | 383.4  | 384.1  | 384.1  | 385.6  | 385.6  |
| 45°    | 366.1  | 364.6  | 364.6  | 364.6  | 363.1  | 363.9  | 365.4  | 365.4  | 365.4  | 365.4  | 363.9  |
| 47.5°  | 345.1  | 345.1  | 345.9  | 345.9  | 348.1  | 347.4  | 347.4  | 346.6  | 345.1  | 345.1  | 345.9  |
| 50°    | 325.6  | 327.9  | 328.6  | 328.6  | 329.4  | 330.1  | 330.1  | 328.6  | 327.9  | 325.6  | 325.6  |
| 52.5°  | 306.9  | 308.4  | 309.9  | 312.1  | 313.6  | 312.9  | 312.9  | 311.4  | 308.4  | 307.6  | 306.9  |
| 55°    | 286.6  | 288.9  | 291.9  | 294.1  | 296.4  | 297.1  | 297.1  | 294.1  | 291.1  | 287.4  | 287.4  |
| 57.5°  | 267.8  | 270.1  | 275.3  | 277.6  | 280.6  | 280.6  | 279.1  | 276.8  | 272.3  | 269.3  | 267.1  |
| 60°    | 249.1  | 252.8  | 256.6  | 261.1  | 264.8  | 265.6  | 263.3  | 260.3  | 255.1  | 251.3  | 248.3  |
| 62.5°  | 228.8  | 232.6  | 240.1  | 244.6  | 247.6  | 247.6  | 247.6  | 243.8  | 237.1  | 231.8  | 227.3  |
| 65°    | 209.3  | 213.1  | 219.8  | 225.8  | 228.1  | 230.3  | 228.1  | 224.3  | 219.1  | 213.1  | 208.6  |
| 67.5°  | 189.1  | 193.6  | 200.3  | 204.8  | 207.8  | 210.1  | 208.6  | 205.6  | 198.8  | 190.6  | 187.6  |
| 70°    | 166.6  | 168.8  | 178.6  | 183.1  | 187.6  | 189.1  | 187.6  | 183.1  | 176.3  | 167.3  | 164.3  |
| 72.5°  | 145.6  | 147.8  | 156.8  | 160.6  | 164.3  | 165.8  | 163.6  | 160.6  | 154.6  | 146.3  | 142.6  |
| 75°    | 121.5  | 125.3  | 129.8  | 135.8  | 140.3  | 141.8  | 139.5  | 137.3  | 129.8  | 124.5  | 121.5  |
| 77.5°  | 96.0   | 99.8   | 105.8  | 111.0  | 115.5  | 114.8  | 111.8  | 112.5  | 104.3  | 98.3   | 96.0   |
| 80°    | 72.8   | 75.8   | 80.3   | 84.8   | 87.0   | 87.0   | 86.3   | 83.3   | 80.3   | 75.8   | 72.0   |
| 82.5°  | 50.3   | 54.0   | 57.8   | 60.8   | 60.8   | 61.5   | 60.0   | 59.3   | 56.3   | 52.5   | 51.8   |
| 85°    | 30.0   | 30.8   | 33.8   | 33.8   | 36.8   | 35.3   | 34.5   | 36.8   | 33.8   | 31.5   | 30.8   |
| 87.5°  | 13.5   | 12.8   | 13.5   | 13.5   | 12.8   | 14.3   | 14.3   | 13.5   | 14.3   | 13.5   | 13.5   |
| 90°    | 15.9   | 16.7   | 16.7   | 16.7   | 17.4   | 17.4   | 17.4   | 16.7   | 16.7   | 16.7   | 15.9   |
| 92.5°  | 80.6   | 73.4   | 61.3   | 59.1   | 57.5   | 56.0   | 57.5   | 59.1   | 61.3   | 73.4   | 80.6   |
| 95°    | 304.4  | 272.6  | 218.8  | 196.1  | 190.0  | 177.9  | 190.0  | 196.1  | 218.8  | 272.6  | 304.4  |
| 97.5°  | 549.6  | 504.2  | 458.8  | 419.4  | 399.0  | 389.9  | 399.0  | 419.4  | 458.8  | 504.2  | 549.6  |
| 100°   | 776.8  | 737.4  | 685.2  | 630.7  | 602.6  | 590.5  | 602.6  | 630.7  | 685.2  | 737.4  | 776.8  |
| 102.5° | 969.0  | 945.6  | 888.8  | 854.0  | 823.0  | 814.6  | 823.0  | 854.0  | 888.8  | 945.6  | 969.0  |
| 105°   | 1080.8 | 1076.6 | 1052.4 | 1027.4 | 1012.2 | 1003.1 | 1012.2 | 1027.4 | 1052.4 | 1076.6 | 1080.8 |
| 107.5° | 1112.2 | 1128.8 | 1135.6 | 1131.9 | 1124.3 | 1116.7 | 1124.3 | 1131.9 | 1135.6 | 1128.8 | 1112.2 |
| 110°   | 1082.2 | 1114.4 | 1148.5 | 1162.9 | 1168.2 | 1168.2 | 1168.2 | 1162.9 | 1148.5 | 1114.4 | 1082.2 |



TEST NUMBER: P1028152

CATALOG NUMBER: S125DIP-B610D850UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1019.8 | 1059.2 | 1112.9 | 1140.2 | 1155.3 | 1162.1 | 1155.3 | 1140.2 | 1112.9 | 1059.2 | 1019.8 |
| 115°   | 949.8  | 991.0  | 1050.1 | 1086.4 | 1107.6 | 1117.5 | 1107.6 | 1086.4 | 1050.1 | 991.0  | 949.8  |
| 117.5° | 886.2  | 925.2  | 985.0  | 1022.8 | 1044.0 | 1050.1 | 1044.0 | 1022.8 | 985.0  | 925.2  | 886.2  |
| 120°   | 832.8  | 866.1  | 922.1  | 958.5  | 978.9  | 985.0  | 978.9  | 958.5  | 922.1  | 866.1  | 832.8  |
| 122.5° | 790.0  | 820.7  | 869.1  | 901.7  | 922.1  | 927.4  | 922.1  | 901.7  | 869.1  | 820.7  | 790.0  |
| 125°   | 755.6  | 782.8  | 825.2  | 856.3  | 872.9  | 880.5  | 872.9  | 856.3  | 825.2  | 782.8  | 755.6  |
| 127.5° | 726.0  | 751.8  | 790.4  | 818.4  | 834.3  | 837.3  | 834.3  | 818.4  | 790.4  | 751.8  | 726.0  |
| 130°   | 696.2  | 720.8  | 758.6  | 783.6  | 798.7  | 803.3  | 798.7  | 783.6  | 758.6  | 720.8  | 696.2  |
| 132.5° | 664.0  | 687.4  | 725.3  | 750.3  | 763.9  | 769.2  | 763.9  | 750.3  | 725.3  | 687.4  | 664.0  |
| 135°   | 633.3  | 654.9  | 688.2  | 713.2  | 726.8  | 731.4  | 726.8  | 713.2  | 688.2  | 654.9  | 633.3  |
| 137.5° | 601.2  | 620.1  | 650.3  | 673.8  | 686.7  | 692.0  | 686.7  | 673.8  | 650.3  | 620.1  | 601.2  |
| 140°   | 571.6  | 587.5  | 615.5  | 635.2  | 646.6  | 650.3  | 646.6  | 635.2  | 615.5  | 587.5  | 571.6  |
| 142.5° | 546.2  | 559.5  | 582.2  | 598.1  | 608.7  | 611.7  | 608.7  | 598.1  | 582.2  | 559.5  | 546.2  |
| 145°   | 524.3  | 534.5  | 552.7  | 565.5  | 573.9  | 576.9  | 573.9  | 565.5  | 552.7  | 534.5  | 524.3  |
| 147.5° | 505.4  | 513.3  | 528.5  | 539.0  | 544.3  | 545.9  | 544.3  | 539.0  | 528.5  | 513.3  | 505.4  |
| 150°   | 489.8  | 496.7  | 508.0  | 517.1  | 520.1  | 520.9  | 520.1  | 517.1  | 508.0  | 496.7  | 489.8  |
| 152.5° | 476.6  | 481.5  | 490.6  | 497.4  | 500.4  | 501.2  | 500.4  | 497.4  | 490.6  | 481.5  | 476.6  |
| 155°   | 463.8  | 467.9  | 475.5  | 480.8  | 483.0  | 483.8  | 483.0  | 480.8  | 475.5  | 467.9  | 463.8  |
| 157.5° | 451.6  | 455.0  | 461.1  | 465.6  | 467.9  | 467.9  | 467.9  | 465.6  | 461.1  | 455.0  | 451.6  |
| 160°   | 439.4  | 442.1  | 447.4  | 451.2  | 452.7  | 452.0  | 452.7  | 451.2  | 447.4  | 442.1  | 439.4  |
| 162.5° | 428.5  | 430.8  | 434.6  | 437.6  | 437.6  | 437.6  | 437.6  | 437.6  | 434.6  | 430.8  | 428.5  |
| 165°   | 417.5  | 419.4  | 422.5  | 424.0  | 424.0  | 424.0  | 424.0  | 424.0  | 422.5  | 419.4  | 417.5  |
| 167.5° | 407.3  | 408.8  | 410.3  | 411.9  | 411.1  | 411.1  | 411.1  | 411.9  | 410.3  | 408.8  | 407.3  |
| 170°   | 397.4  | 398.2  | 399.7  | 400.5  | 400.5  | 399.7  | 400.5  | 400.5  | 399.7  | 398.2  | 397.4  |
| 172.5° | 389.5  | 389.9  | 389.9  | 391.4  | 389.9  | 389.1  | 389.9  | 391.4  | 389.9  | 389.9  | 389.5  |
| 175°   | 382.3  | 382.3  | 382.3  | 383.1  | 381.6  | 380.8  | 381.6  | 383.1  | 382.3  | 382.3  | 382.3  |
| 177.5° | 377.8  | 377.8  | 377.0  | 377.8  | 375.5  | 375.5  | 375.5  | 377.8  | 377.0  | 377.8  | 377.8  |
| 180°   | 375.5  | 375.5  | 375.5  | 375.5  | 375.5  | 375.5  | 375.5  | 375.5  | 375.5  | 375.5  | 375.5  |

TEST NUMBER: P1028152

CATALOG NUMBER: S125DIP-B610D850UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 883.8  | 883.8  | 883.8 | 883.8 | 883.8 | 883.8 | 883.8 | 883.8 | 883.8 | 883.8  | 883.8 |
| 2.5°   | 839.5  | 835.0  | 840.3 | 833.5 | 835.0 | 843.3 | 842.6 | 850.1 | 854.6 | 853.8  | 857.6 |
| 5°     | 784.0  | 784.0  | 786.3 | 785.5 | 793.0 | 799.8 | 808.8 | 816.3 | 824.5 | 829.0  | 834.3 |
| 7.5°   | 729.3  | 736.8  | 738.3 | 742.0 | 751.0 | 762.3 | 771.3 | 782.5 | 794.5 | 802.8  | 808.8 |
| 10°    | 684.2  | 690.2  | 696.2 | 699.2 | 709.0 | 724.0 | 736.8 | 754.8 | 769.8 | 778.8  | 787.0 |
| 12.5°  | 644.5  | 651.2  | 654.2 | 667.7 | 674.5 | 684.2 | 702.3 | 721.8 | 738.3 | 748.0  | 754.8 |
| 15°    | 616.0  | 619.7  | 626.5 | 634.7 | 641.5 | 653.5 | 668.5 | 690.2 | 706.0 | 714.3  | 737.5 |
| 17.5°  | 592.0  | 596.5  | 600.2 | 604.0 | 614.5 | 627.2 | 641.5 | 660.2 | 680.5 | 694.7  | 706.8 |
| 20°    | 567.2  | 569.5  | 574.0 | 580.0 | 587.5 | 599.5 | 612.2 | 631.7 | 649.7 | 661.0  | 676.7 |
| 22.5°  | 537.9  | 544.7  | 549.2 | 553.7 | 562.0 | 575.5 | 587.5 | 601.7 | 624.2 | 637.0  | 653.5 |
| 25°    | 520.7  | 523.7  | 526.7 | 531.9 | 537.9 | 549.9 | 563.5 | 578.5 | 596.5 | 610.0  | 624.2 |
| 27.5°  | 498.2  | 502.7  | 506.4 | 513.2 | 516.9 | 526.7 | 539.4 | 554.4 | 576.2 | 587.5  | 599.5 |
| 30°    | 479.4  | 483.9  | 486.9 | 489.9 | 495.2 | 505.7 | 517.7 | 529.7 | 549.9 | 564.2  | 576.2 |
| 32.5°  | 460.7  | 465.2  | 468.9 | 471.2 | 476.4 | 483.2 | 492.9 | 507.9 | 525.2 | 534.9  | 550.7 |
| 35°    | 444.2  | 444.2  | 448.7 | 451.7 | 456.2 | 462.2 | 471.2 | 482.4 | 500.4 | 513.2  | 527.4 |
| 37.5°  | 425.4  | 426.2  | 429.9 | 432.2 | 436.7 | 442.7 | 451.7 | 462.2 | 477.2 | 486.9  | 501.2 |
| 40°    | 405.9  | 408.1  | 409.6 | 413.4 | 418.6 | 420.9 | 429.9 | 441.9 | 456.9 | 465.9  | 477.9 |
| 42.5°  | 386.4  | 387.9  | 391.6 | 394.6 | 399.1 | 402.9 | 408.9 | 420.2 | 431.4 | 444.9  | 454.7 |
| 45°    | 364.6  | 368.4  | 370.6 | 375.9 | 378.1 | 381.9 | 387.9 | 396.9 | 410.4 | 418.6  | 429.9 |
| 47.5°  | 345.9  | 347.4  | 348.9 | 355.6 | 360.1 | 362.4 | 368.4 | 373.6 | 387.9 | 395.4  | 405.9 |
| 50°    | 325.6  | 325.6  | 327.9 | 330.9 | 336.1 | 340.6 | 345.9 | 351.9 | 363.1 | 370.6  | 381.1 |
| 52.5°  | 306.9  | 304.6  | 306.1 | 307.6 | 312.9 | 317.4 | 322.6 | 330.9 | 341.4 | 345.9  | 354.9 |
| 55°    | 286.6  | 282.9  | 285.1 | 287.4 | 288.9 | 294.9 | 300.9 | 306.1 | 314.4 | 321.1  | 329.4 |
| 57.5°  | 264.8  | 264.1  | 262.6 | 263.3 | 267.1 | 270.8 | 275.3 | 282.1 | 291.9 | 297.1  | 301.6 |
| 60°    | 245.3  | 240.8  | 239.3 | 240.8 | 243.1 | 245.3 | 251.3 | 257.3 | 265.6 | 270.8  | 276.1 |
| 62.5°  | 225.1  | 220.6  | 217.6 | 215.3 | 217.6 | 222.8 | 226.6 | 231.1 | 237.8 | 243.8  | 248.3 |
| 65°    | 205.6  | 198.8  | 195.8 | 194.3 | 193.6 | 197.3 | 200.3 | 206.3 | 212.3 | 214.6  | 219.8 |
| 67.5°  | 183.8  | 177.8  | 174.1 | 171.8 | 171.8 | 171.8 | 174.8 | 180.8 | 186.8 | 187.6  | 192.8 |
| 70°    | 162.1  | 155.3  | 151.6 | 148.6 | 147.1 | 148.6 | 152.3 | 153.1 | 158.3 | 159.8  | 162.8 |
| 72.5°  | 138.8  | 132.8  | 128.3 | 124.5 | 125.3 | 126.8 | 126.8 | 128.3 | 131.3 | 135.0  | 135.0 |
| 75°    | 117.0  | 108.8  | 106.5 | 103.5 | 102.0 | 102.0 | 102.0 | 105.0 | 107.3 | 110.3  | 109.5 |
| 77.5°  | 92.3   | 87.8   | 83.3  | 81.8  | 79.5  | 78.8  | 80.3  | 80.3  | 81.8  | 84.0   | 84.8  |
| 80°    | 71.3   | 66.0   | 63.0  | 61.5  | 58.5  | 57.8  | 58.5  | 58.5  | 60.8  | 60.0   | 60.8  |
| 82.5°  | 49.5   | 45.8   | 43.5  | 41.3  | 39.8  | 40.5  | 39.8  | 39.8  | 40.5  | 39.8   | 39.8  |
| 85°    | 28.5   | 27.8   | 26.3  | 25.5  | 24.8  | 23.3  | 24.8  | 24.0  | 23.3  | 22.5   | 24.0  |
| 87.5°  | 13.5   | 12.8   | 12.8  | 11.3  | 11.3  | 10.5  | 11.3  | 11.3  | 10.5  | 10.5   | 10.5  |
| 90°    | 15.1   | 14.4   | 13.6  | 12.9  | 12.1  | 10.6  | 9.8   | 8.3   | 7.6   | 6.8    | 6.1   |
| 92.5°  | 87.8   | 118.1  | 164.3 | 243.8 | 302.1 | 307.4 | 213.5 | 127.2 | 75.7  | 62.1   | 48.5  |
| 95°    | 336.1  | 429.3  | 544.3 | 656.4 | 670.8 | 547.4 | 338.4 | 171.9 | 90.9  | 73.8   | 56.8  |
| 97.5°  | 595.1  | 689.0  | 780.6 | 819.9 | 724.5 | 502.0 | 276.3 | 148.4 | 92.4  | 79.9   | 67.4  |
| 100°   | 816.1  | 894.1  | 931.2 | 872.9 | 683.7 | 436.1 | 245.3 | 146.9 | 103.0 | 91.6   | 80.3  |
| 102.5° | 992.5  | 1019.8 | 981.9 | 841.1 | 611.7 | 386.1 | 232.4 | 153.7 | 115.8 | 104.8  | 93.9  |
| 105°   | 1084.9 | 1051.6 | 947.9 | 766.2 | 548.9 | 357.3 | 230.9 | 163.5 | 130.2 | 119.6  | 109.0 |
| 107.5° | 1095.5 | 1015.3 | 878.2 | 695.0 | 502.0 | 342.2 | 236.2 | 177.2 | 144.6 | 135.2  | 125.7 |
| 110°   | 1050.1 | 943.3  | 799.5 | 636.0 | 470.9 | 336.1 | 244.5 | 192.3 | 161.3 | 151.4  | 141.6 |

TEST NUMBER: P1028152

CATALOG NUMBER: S125DIP-B610D850UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 980.4 | 872.2 | 737.4 | 592.0 | 452.7 | 336.1 | 255.1 | 206.7 | 177.2 | 167.7  | 158.2 |
| 115°   | 908.5 | 804.8 | 687.4 | 562.5 | 440.6 | 338.4 | 265.7 | 221.8 | 193.8 | 184.4  | 174.9 |
| 117.5° | 847.2 | 756.3 | 652.6 | 542.8 | 433.8 | 342.2 | 277.9 | 237.0 | 210.5 | 201.4  | 192.3 |
| 120°   | 799.5 | 716.2 | 625.4 | 526.9 | 429.3 | 348.3 | 290.0 | 253.6 | 227.1 | 217.6  | 208.2 |
| 122.5° | 759.4 | 687.4 | 604.9 | 513.3 | 425.5 | 353.6 | 303.6 | 269.5 | 243.0 | 233.6  | 224.1 |
| 125°   | 728.3 | 662.5 | 585.2 | 501.2 | 422.5 | 359.6 | 315.7 | 283.2 | 258.2 | 248.4  | 238.5 |
| 127.5° | 700.3 | 638.2 | 564.8 | 489.8 | 420.9 | 366.4 | 327.1 | 296.8 | 272.6 | 262.8  | 252.9 |
| 130°   | 671.5 | 612.5 | 545.9 | 478.5 | 419.4 | 372.5 | 338.4 | 309.7 | 286.2 | 276.4  | 266.5 |
| 132.5° | 640.5 | 588.3 | 526.9 | 469.4 | 419.4 | 379.3 | 348.3 | 321.8 | 298.3 | 288.5  | 278.6 |
| 135°   | 611.7 | 563.3 | 511.0 | 462.6 | 419.4 | 385.4 | 357.3 | 332.4 | 308.9 | 298.7  | 288.5 |
| 137.5° | 582.2 | 540.6 | 496.7 | 455.8 | 420.2 | 391.4 | 364.2 | 339.9 | 318.7 | 308.1  | 297.5 |
| 140°   | 555.7 | 520.9 | 485.3 | 451.2 | 420.9 | 395.2 | 371.0 | 348.3 | 326.3 | 316.1  | 305.9 |
| 142.5° | 533.0 | 504.2 | 475.5 | 447.4 | 421.7 | 397.5 | 374.8 | 353.6 | 333.1 | 323.6  | 314.2 |
| 145°   | 514.1 | 490.6 | 467.1 | 443.7 | 420.9 | 399.0 | 378.5 | 359.6 | 339.9 | 331.2  | 322.5 |
| 147.5° | 497.4 | 478.5 | 458.8 | 439.9 | 419.4 | 399.7 | 380.8 | 363.4 | 346.0 | 338.0  | 330.1 |
| 150°   | 483.0 | 468.6 | 452.0 | 435.3 | 417.2 | 399.7 | 383.1 | 367.2 | 350.5 | 344.1  | 337.7 |
| 152.5° | 471.7 | 458.8 | 444.4 | 430.0 | 414.1 | 399.0 | 384.6 | 371.0 | 355.8 | 350.2  | 344.5 |
| 155°   | 459.6 | 449.0 | 436.8 | 424.0 | 410.3 | 397.5 | 385.4 | 373.2 | 360.4 | 355.1  | 349.8 |
| 157.5° | 448.2 | 439.9 | 429.3 | 418.7 | 406.6 | 396.0 | 386.1 | 375.5 | 364.2 | 360.0  | 355.8 |
| 160°   | 436.8 | 429.3 | 421.7 | 411.9 | 402.8 | 393.7 | 386.1 | 377.0 | 367.2 | 363.8  | 360.4 |
| 162.5° | 426.2 | 420.2 | 413.4 | 405.8 | 398.2 | 391.4 | 385.4 | 378.5 | 370.2 | 367.5  | 364.9 |
| 165°   | 415.6 | 411.1 | 405.8 | 399.7 | 393.7 | 389.1 | 384.6 | 378.5 | 372.5 | 370.2  | 367.9 |
| 167.5° | 405.8 | 402.0 | 398.2 | 393.7 | 389.1 | 385.4 | 383.1 | 378.5 | 373.2 | 371.7  | 370.2 |
| 170°   | 396.7 | 394.4 | 392.2 | 388.4 | 385.4 | 383.1 | 381.6 | 378.5 | 374.8 | 373.6  | 372.5 |
| 172.5° | 389.1 | 387.6 | 385.4 | 383.1 | 380.8 | 380.1 | 380.1 | 377.8 | 374.8 | 374.4  | 374.0 |
| 175°   | 382.3 | 380.8 | 380.8 | 378.5 | 377.8 | 377.8 | 378.5 | 377.0 | 374.8 | 374.8  | 374.8 |
| 177.5° | 377.8 | 377.8 | 377.0 | 376.3 | 375.5 | 375.5 | 377.0 | 376.3 | 374.8 | 374.8  | 374.8 |
| 180°   | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.5  | 375.5 |

TEST NUMBER: P1028152

CATALOG NUMBER: S125DIP-B610D850UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 883.8 | 883.8 | 883.8 | 883.8 |
| 2.5°   | 862.8 | 870.3 | 875.6 | 885.3 |
| 5°     | 843.3 | 856.8 | 869.6 | 883.1 |
| 7.5°   | 823.8 | 839.5 | 859.8 | 877.1 |
| 10°    | 802.0 | 822.3 | 846.3 | 869.6 |
| 12.5°  | 780.3 | 804.3 | 830.5 | 861.3 |
| 15°    | 754.0 | 784.8 | 815.5 | 848.6 |
| 17.5°  | 730.8 | 762.3 | 795.3 | 836.5 |
| 20°    | 704.5 | 739.0 | 775.0 | 817.0 |
| 22.5°  | 681.2 | 719.5 | 757.0 | 801.3 |
| 25°    | 655.0 | 692.5 | 733.8 | 781.0 |
| 27.5°  | 633.2 | 667.7 | 708.3 | 759.3 |
| 30°    | 607.0 | 644.5 | 685.0 | 736.0 |
| 32.5°  | 582.2 | 618.2 | 661.0 | 711.3 |
| 35°    | 556.7 | 593.5 | 631.7 | 679.7 |
| 37.5°  | 532.7 | 564.2 | 602.5 | 648.2 |
| 40°    | 505.7 | 540.2 | 574.7 | 610.7 |
| 42.5°  | 480.9 | 512.4 | 544.7 | 573.2 |
| 45°    | 453.2 | 480.2 | 510.9 | 534.2 |
| 47.5°  | 427.7 | 451.7 | 475.7 | 493.7 |
| 50°    | 402.1 | 420.9 | 438.9 | 454.7 |
| 52.5°  | 372.1 | 393.1 | 402.9 | 412.6 |
| 55°    | 345.1 | 357.1 | 366.1 | 375.9 |
| 57.5°  | 318.9 | 324.1 | 328.6 | 337.6 |
| 60°    | 284.4 | 290.4 | 295.6 | 302.4 |
| 62.5°  | 254.3 | 257.3 | 258.8 | 265.6 |
| 65°    | 225.8 | 225.1 | 228.8 | 232.6 |
| 67.5°  | 195.1 | 194.3 | 198.1 | 199.6 |
| 70°    | 165.1 | 164.3 | 165.1 | 168.8 |
| 72.5°  | 136.5 | 136.5 | 137.3 | 138.8 |
| 75°    | 110.3 | 110.3 | 111.0 | 112.5 |
| 77.5°  | 83.3  | 84.8  | 84.0  | 87.0  |
| 80°    | 60.8  | 59.3  | 60.8  | 62.3  |
| 82.5°  | 39.8  | 41.3  | 41.3  | 39.8  |
| 85°    | 22.5  | 22.5  | 22.5  | 22.5  |
| 87.5°  | 9.8   | 9.8   | 10.5  | 11.3  |
| 90°    | 4.5   | 3.0   | 1.5   | 0.8   |
| 92.5°  | 32.6  | 21.2  | 13.6  | 11.4  |
| 95°    | 40.1  | 31.8  | 25.7  | 25.0  |
| 97.5°  | 52.2  | 43.9  | 39.4  | 38.6  |
| 100°   | 65.9  | 57.5  | 54.5  | 53.0  |
| 102.5° | 81.0  | 71.9  | 69.7  | 68.9  |
| 105°   | 96.9  | 89.3  | 85.6  | 85.6  |
| 107.5° | 112.8 | 106.8 | 103.0 | 101.5 |
| 110°   | 130.2 | 123.4 | 120.4 | 118.9 |



TEST NUMBER: P1028152

CATALOG NUMBER: S125DIP-B610D850UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 146.9 | 140.1 | 137.8 | 136.3 |
| 115°   | 163.5 | 156.7 | 154.4 | 152.9 |
| 117.5° | 179.4 | 172.6 | 170.3 | 168.1 |
| 120°   | 195.3 | 188.5 | 185.5 | 183.2 |
| 122.5° | 209.7 | 202.9 | 200.6 | 199.1 |
| 125°   | 224.1 | 217.3 | 213.5 | 212.0 |
| 127.5° | 237.7 | 229.4 | 224.9 | 222.6 |
| 130°   | 250.6 | 240.8 | 234.7 | 232.4 |
| 132.5° | 262.0 | 250.6 | 243.0 | 240.0 |
| 135°   | 272.6 | 260.4 | 251.4 | 248.3 |
| 137.5° | 281.6 | 269.5 | 261.2 | 258.9 |
| 140°   | 291.5 | 279.4 | 270.3 | 268.0 |
| 142.5° | 300.6 | 288.5 | 280.1 | 278.6 |
| 145°   | 308.9 | 298.3 | 290.7 | 289.2 |
| 147.5° | 318.0 | 308.1 | 301.3 | 300.6 |
| 150°   | 327.1 | 317.2 | 311.9 | 310.4 |
| 152.5° | 334.6 | 326.3 | 321.8 | 321.0 |
| 155°   | 342.2 | 334.6 | 330.1 | 330.1 |
| 157.5° | 349.0 | 342.2 | 338.4 | 338.4 |
| 160°   | 354.3 | 349.0 | 346.0 | 346.7 |
| 162.5° | 360.4 | 355.8 | 352.8 | 353.6 |
| 165°   | 364.9 | 361.1 | 358.9 | 360.4 |
| 167.5° | 367.9 | 365.7 | 364.2 | 364.9 |
| 170°   | 371.0 | 369.5 | 368.7 | 369.5 |
| 172.5° | 373.2 | 371.7 | 371.0 | 372.5 |
| 175°   | 374.8 | 374.0 | 373.2 | 374.8 |
| 177.5° | 375.5 | 374.8 | 374.8 | 376.3 |
| 180°   | 375.5 | 375.5 | 375.5 | 375.5 |

(END OF REPORT)